

Appendix 11

Rating Curves

1.
Lamprey River
Current Conditions
Resident Species Spawning Suitability



Suitability Curve(s) for Site: 1

Project: Lamprey River Spawn
Curve: Suitability

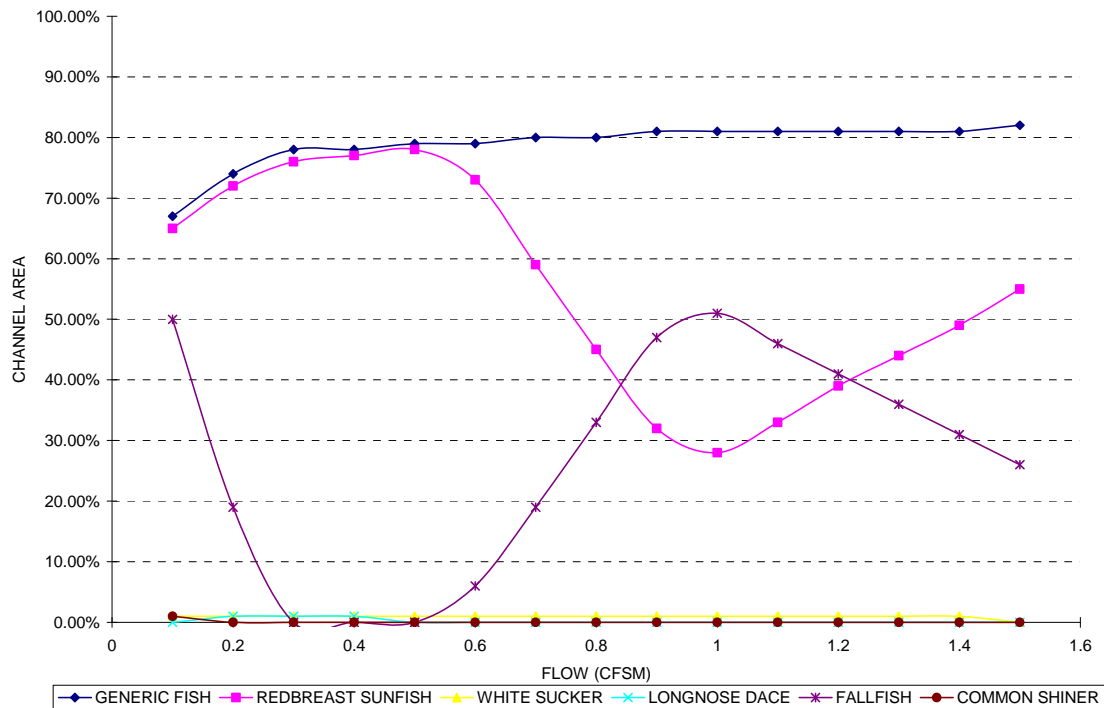


Figure 1: Suitability rating curves for fish in Reach 1 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 2a

Project: Lamprey River Spawn

Curve: Suitability

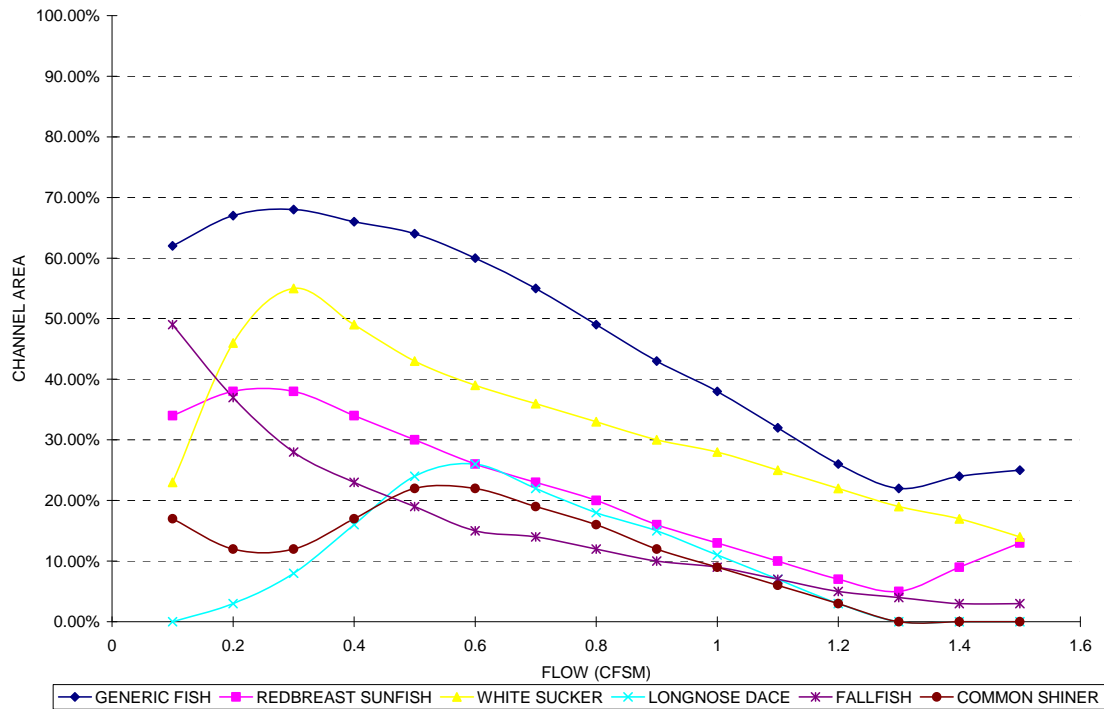


Figure 2: Suitability rating curves for fish in Reach 2a during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 2b

Project: Lamprey River Spawn

Curve: Suitability

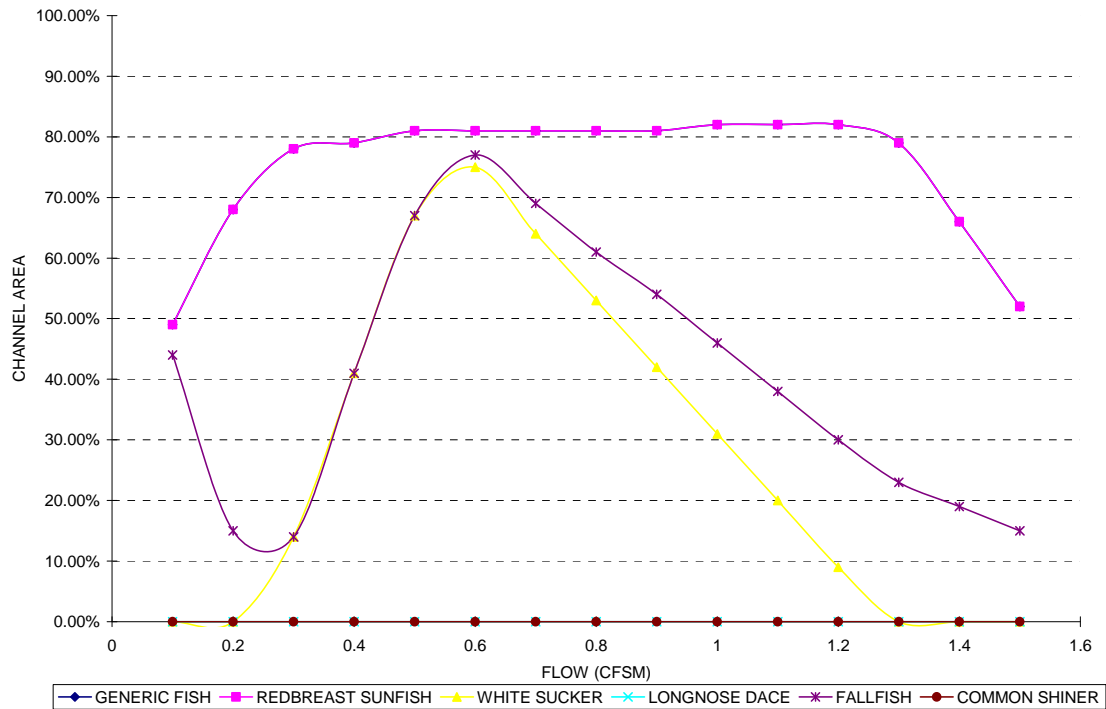


Figure 3: Suitability rating curves for fish in Reach 2b during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 3

Project: Lamprey River Spawn

Curve: Suitability

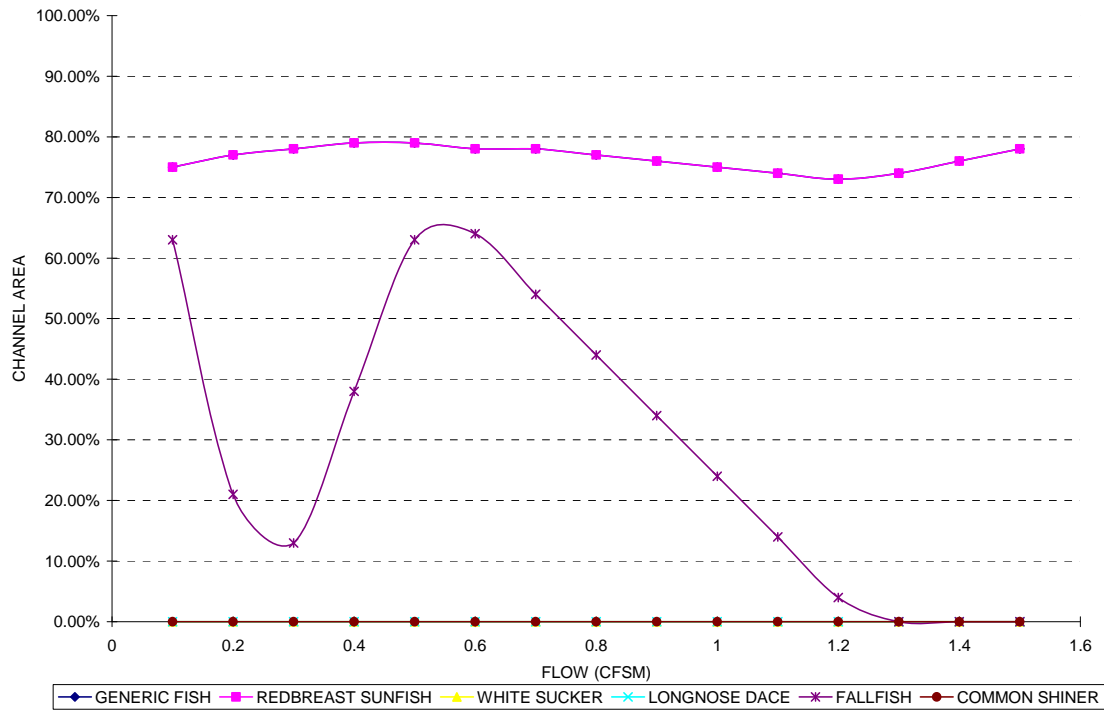


Figure 4: Suitability rating curves for fish in Reach 3 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 4

Project: Lamprey River Spawn

Curve: Suitability

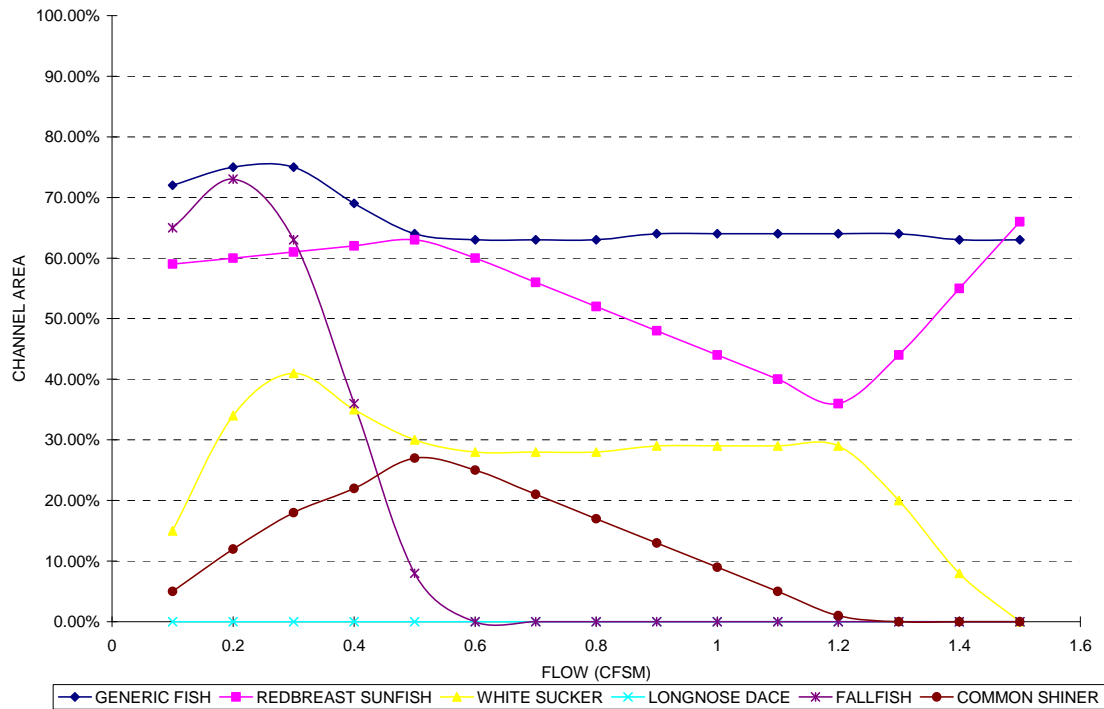


Figure 5: Suitability rating curves for fish in Reach 4 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 5

Project: Lamprey River Spawn

Curve: Suitability

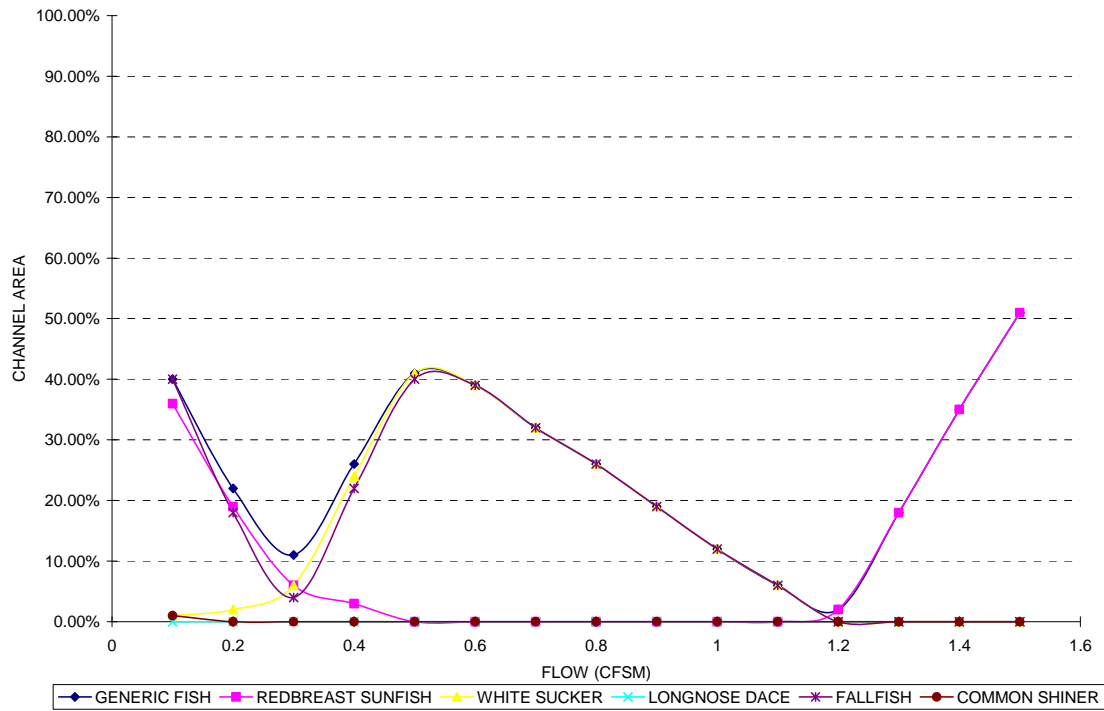


Figure 6: Suitability rating curves for fish in Reach 5 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 6

Project: Lamprey River Spawn

Curve: Suitability

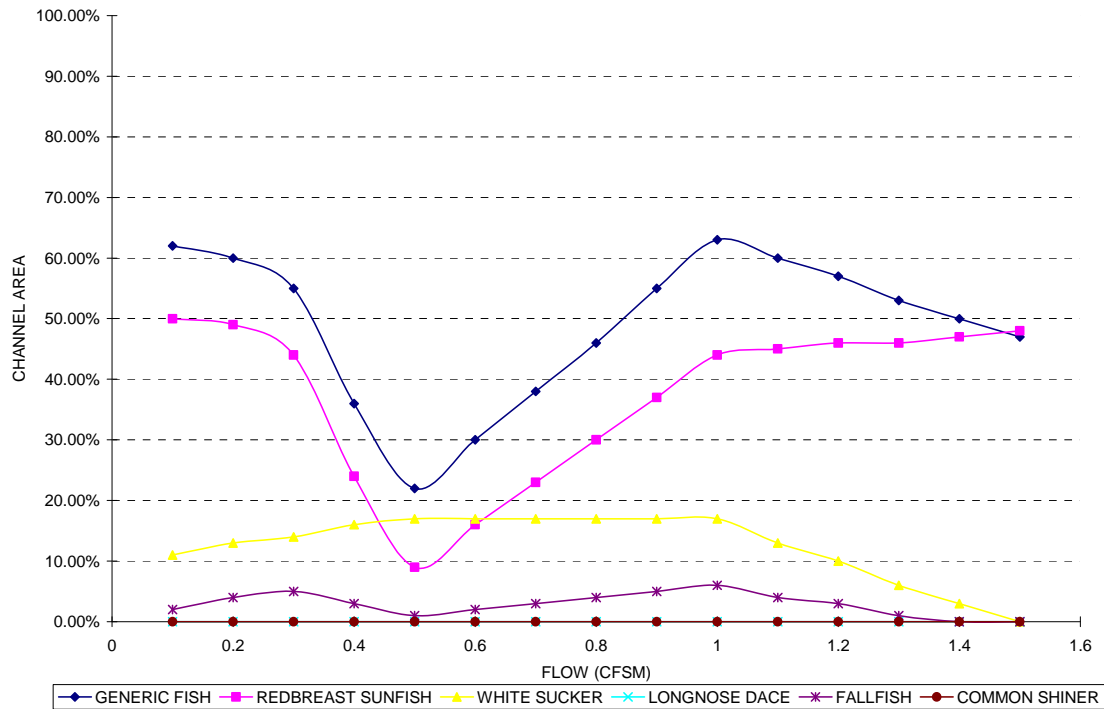


Figure 7: Suitability rating curves for fish in Reach 6 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 7

Project: Lamprey River Spawn

Curve: Suitability

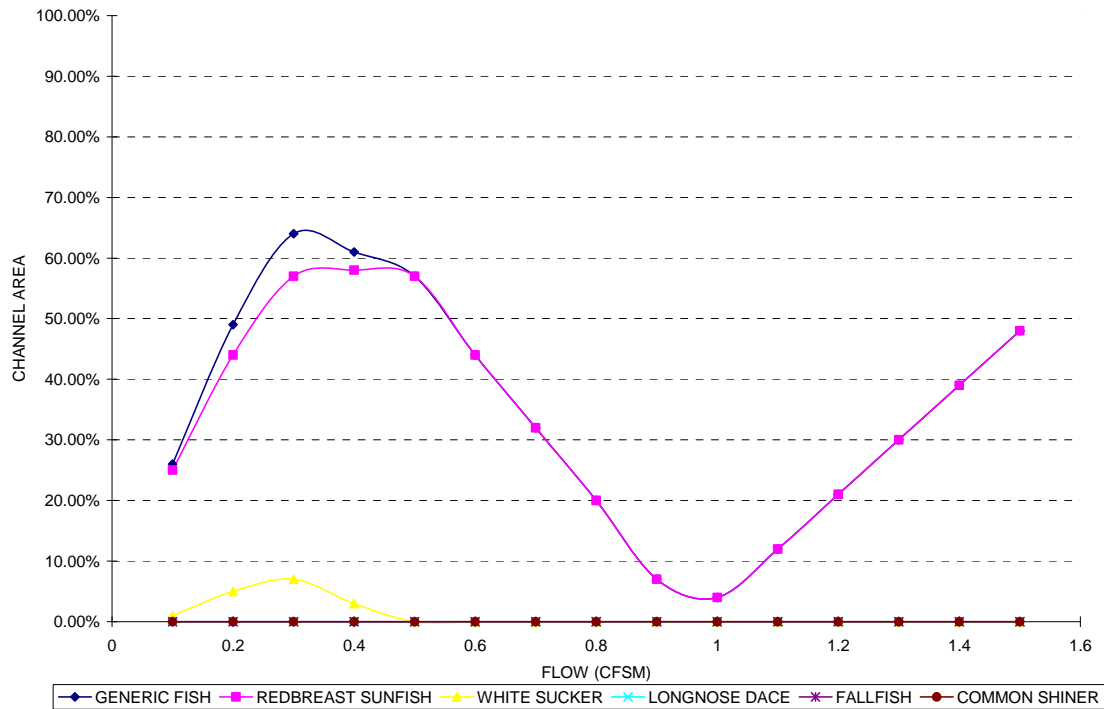


Figure 8: Suitability rating curves for fish in Reach 7 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 8

Project: Lamprey River Spawn

Curve: Suitability

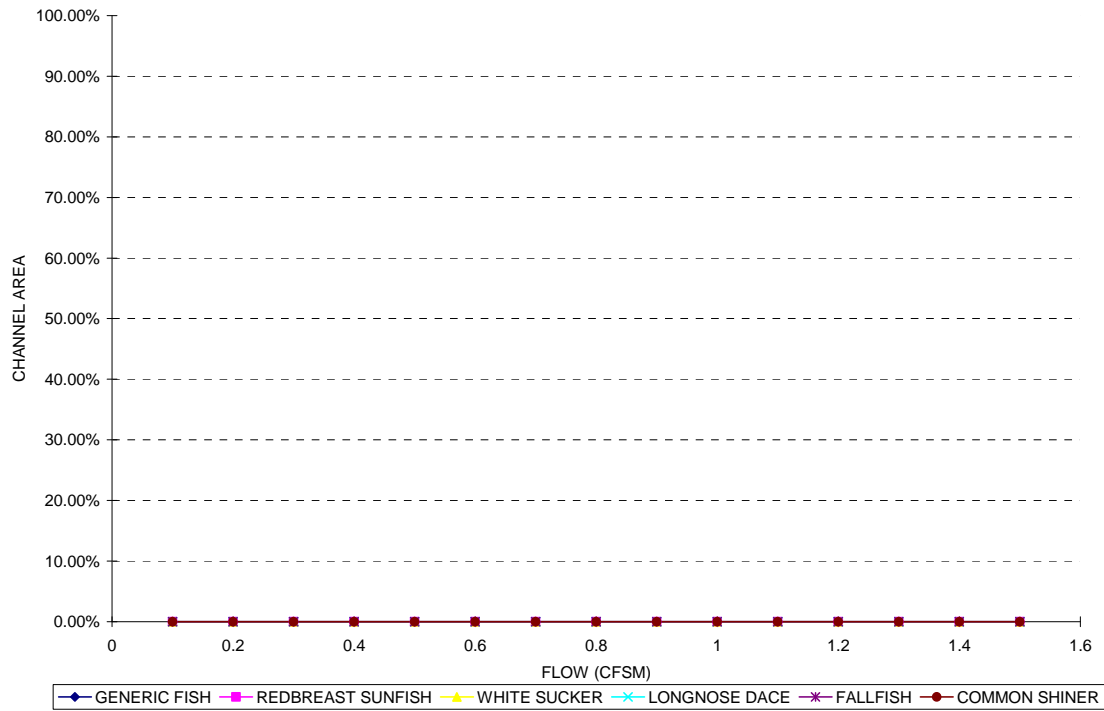


Figure 9: Suitability rating curves for fish in Reach 8 during the Resident Species Spawning bioperiod.

Current Conditions Resident Species Spawning Effective Habitat



Suitability Curve(s) for Site: 1

Project: Lamprey River Spawn
Effective Habitat

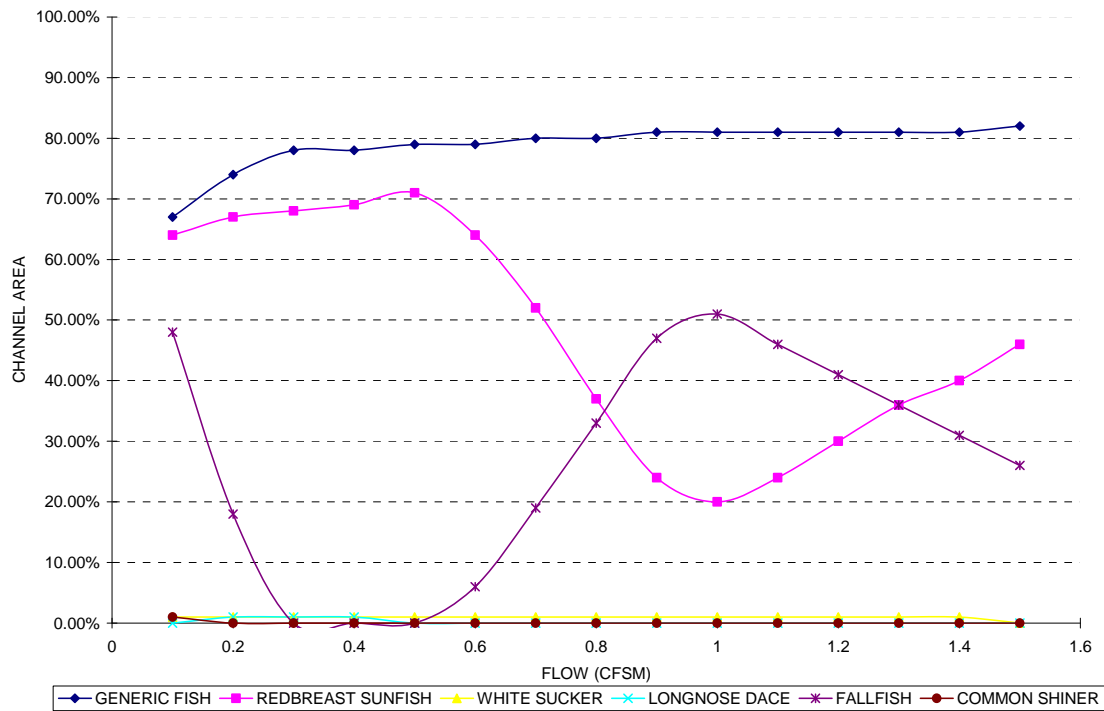


Figure 10: Effective habitat rating curves for fish in Reach 1 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 2a

Project: Lamprey River Spawn
Effective Habitat

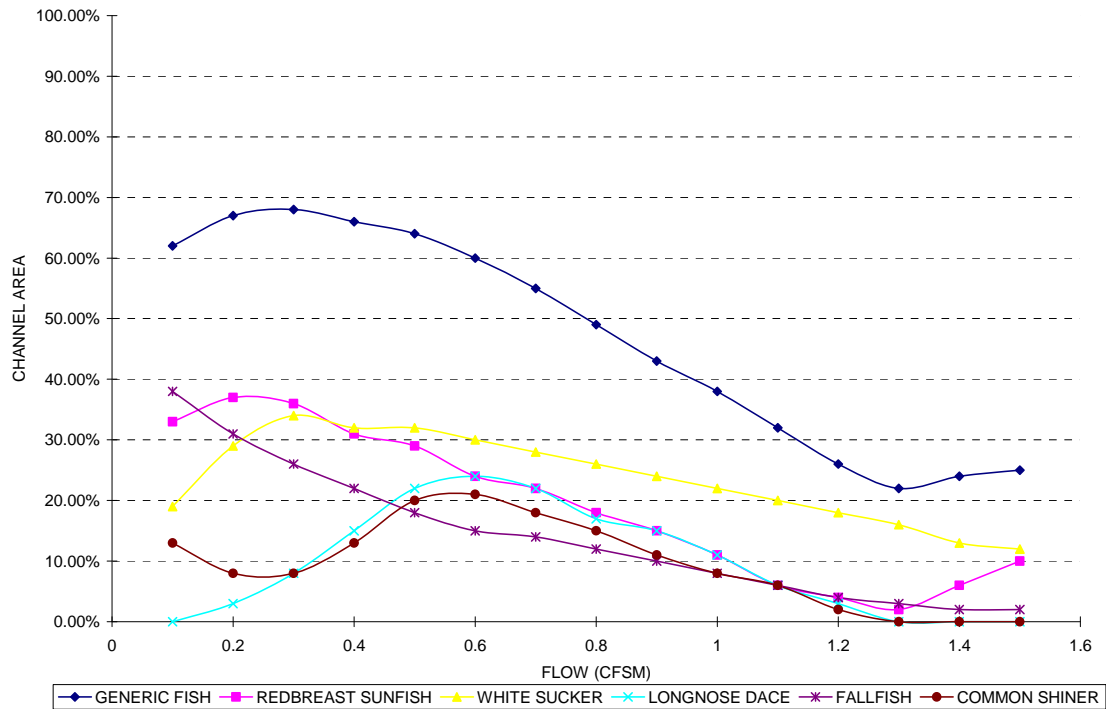


Figure 11: Effective habitat rating curves for fish in Reach 2a during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 2b

Project: Lamprey River Spawn
Effective Habitat

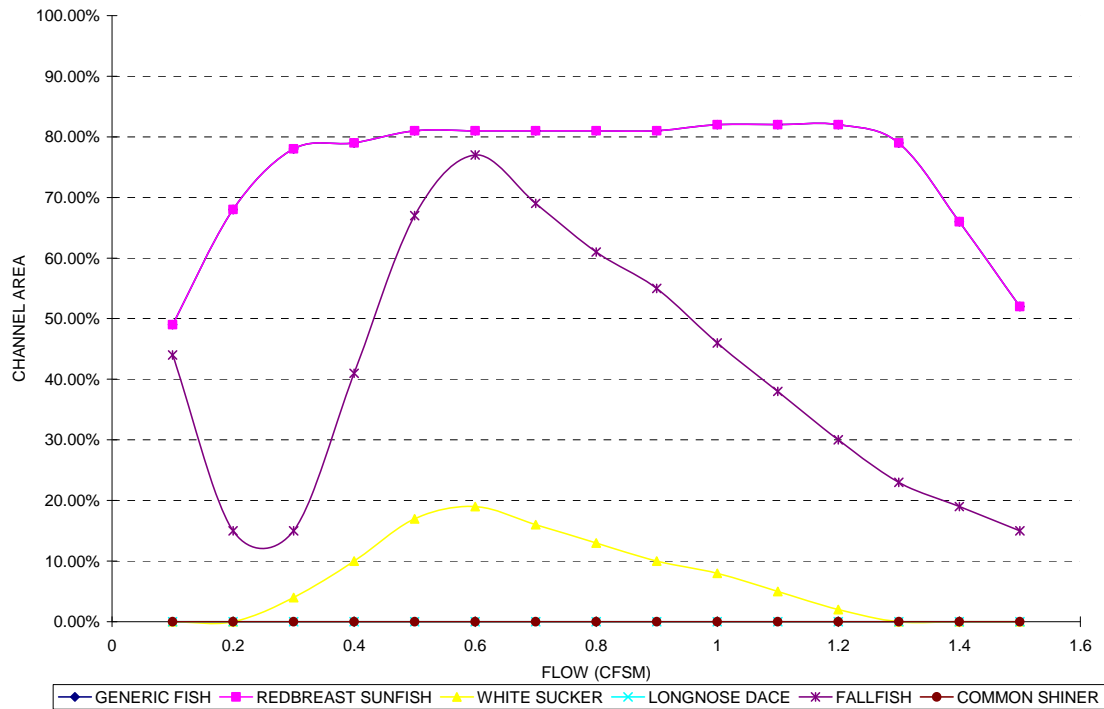


Figure 12: Effective habitat rating curves for fish in Reach 2b during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 3

Project: Lamprey River Spawn
Effective Habitat

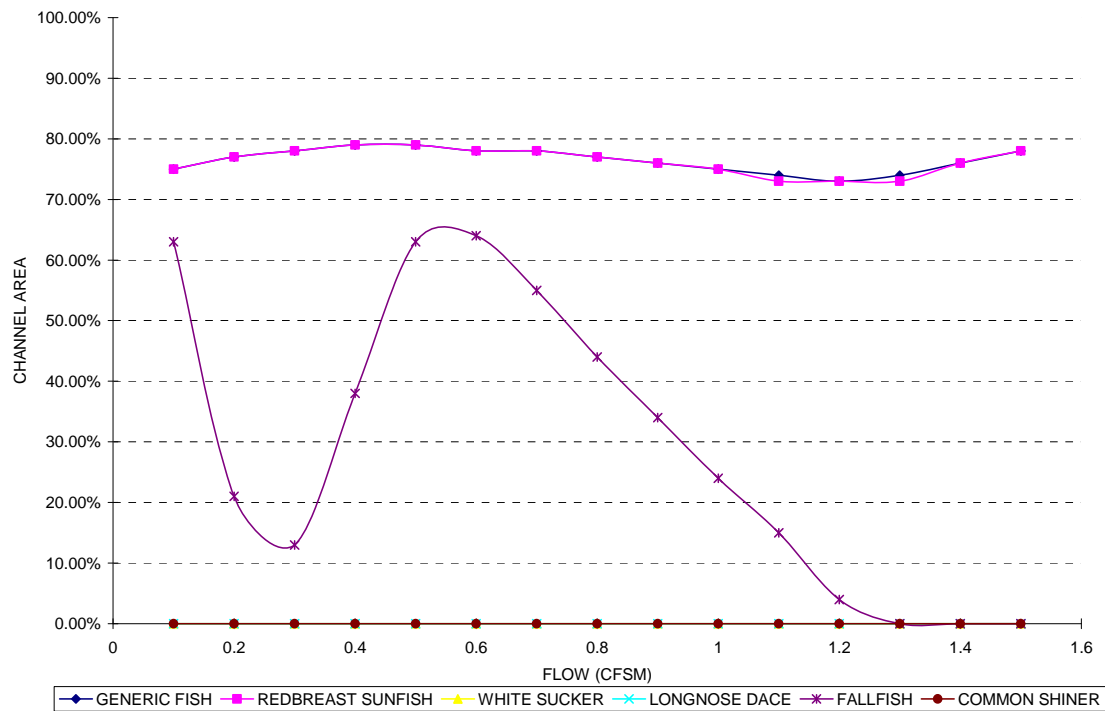


Figure 13: Effective habitat rating curves for fish in Reach 3 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 4

Project: Lamprey River Spawn
Effective Habitat

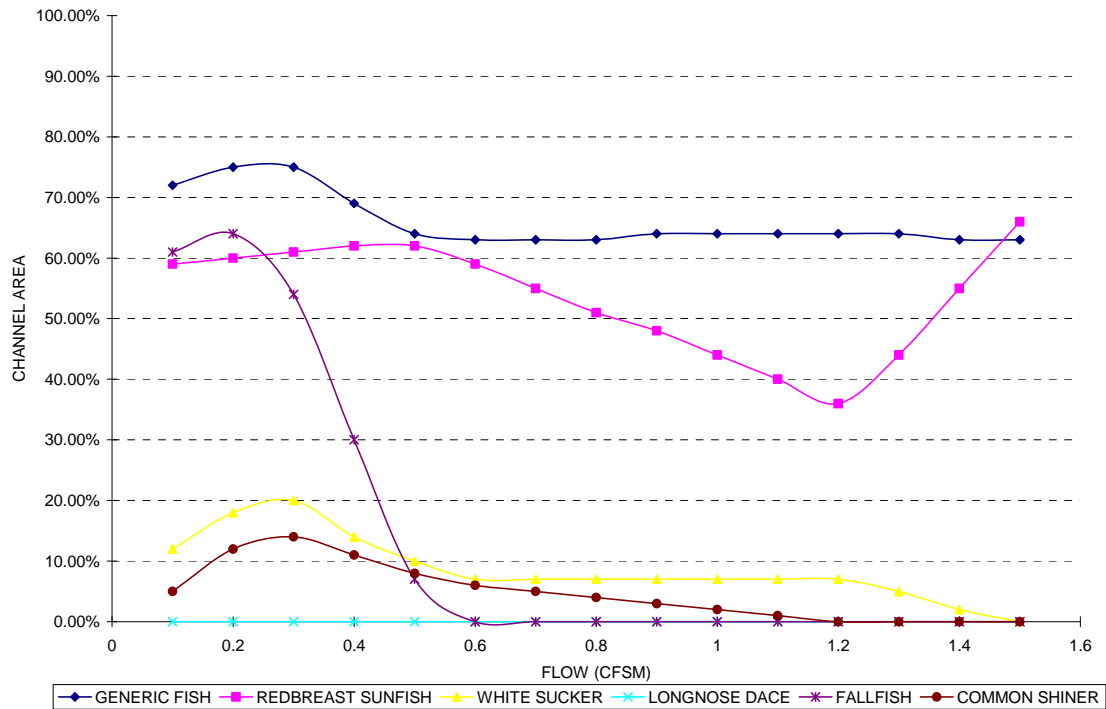


Figure 14: Effective habitat rating curves for fish in Reach 4 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 5

Project: Lamprey River Spawn
Effective Habitat

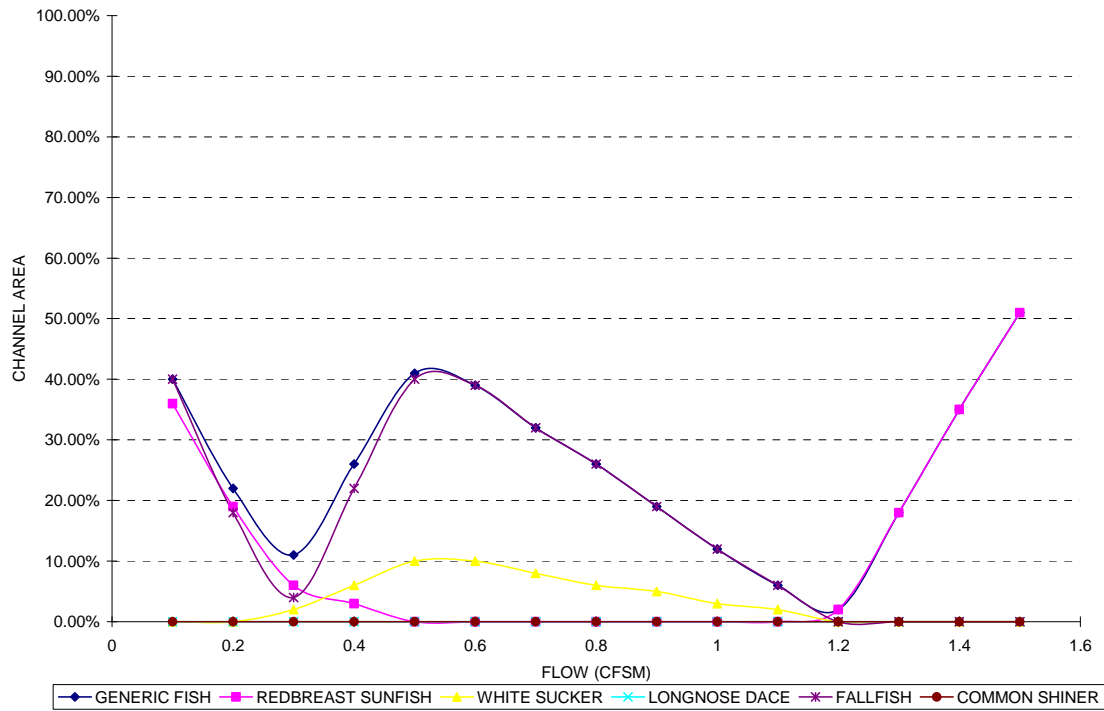


Figure 15: Effective habitat rating curves for fish in Reach 5 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 6

Project: Lamprey River Spawn
Effective Habitat

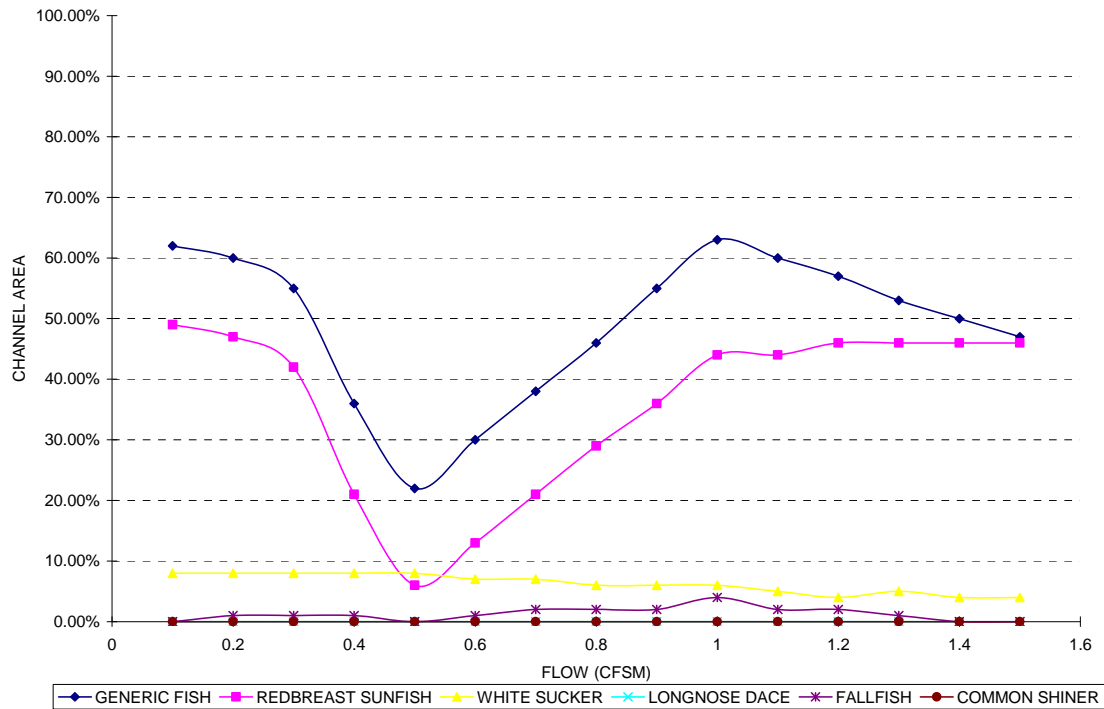


Figure 16: Effective habitat rating curves for fish in Reach 6 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 7

Project: Lamprey River Spawn
Effective Habitat

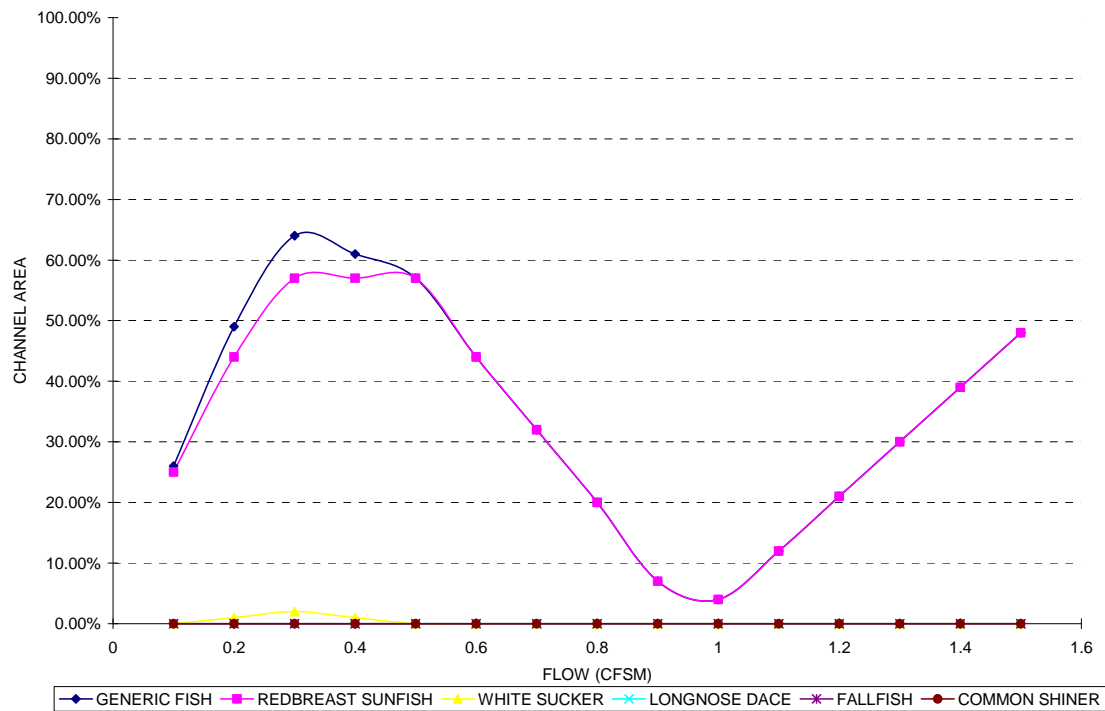


Figure 17: Effective habitat rating curves for fish in Reach 7 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 8

Project: Lamprey River Spawn
Effective Habitat

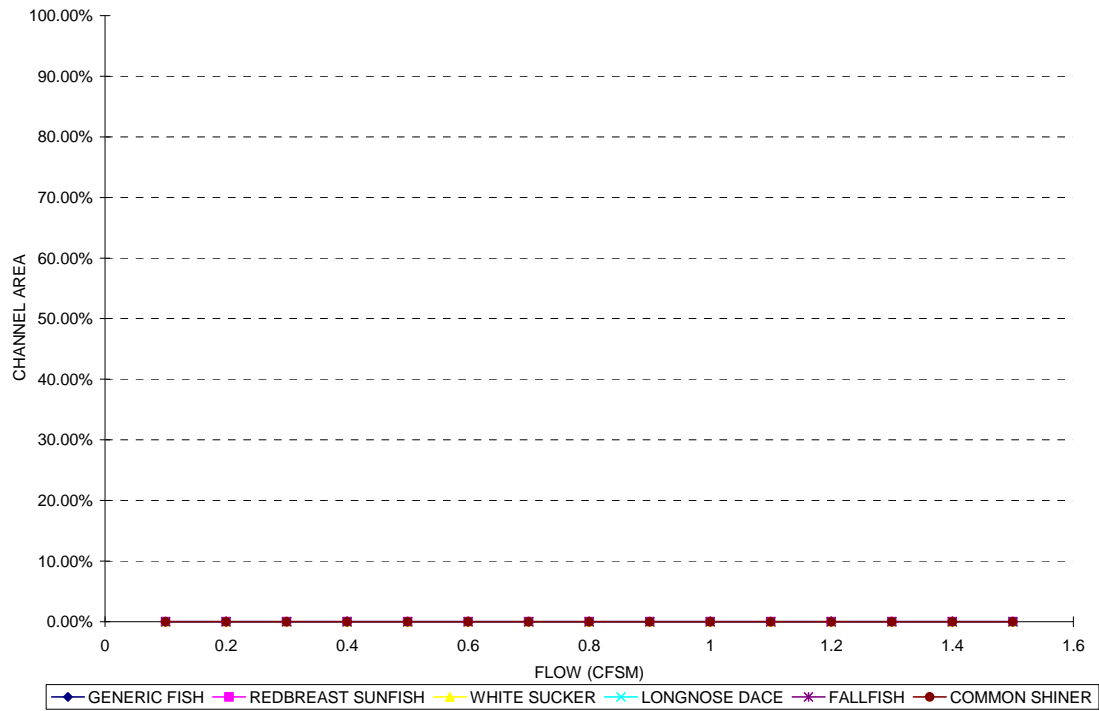


Figure 18: Effective habitat rating curves for fish in Reach 8 during the Resident Species Spawning bioperiod.

3.
Current Conditions
Resident Species Spawning
Optimal



Suitability Curve(s) for Site: 1

Project: Lamprey River Spawn
Curve: Optimal

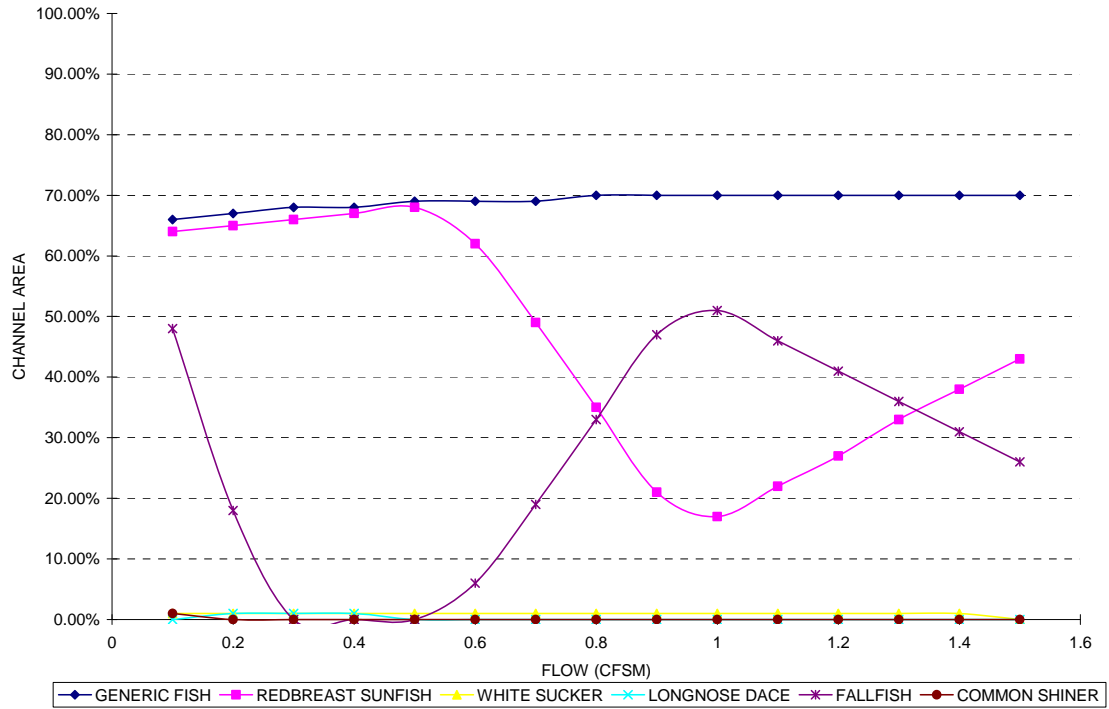


Figure 19: Optimal rating curves for fish in Reach 1 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 2a

Project: Lamprey River Spawn

Curve: Optimal

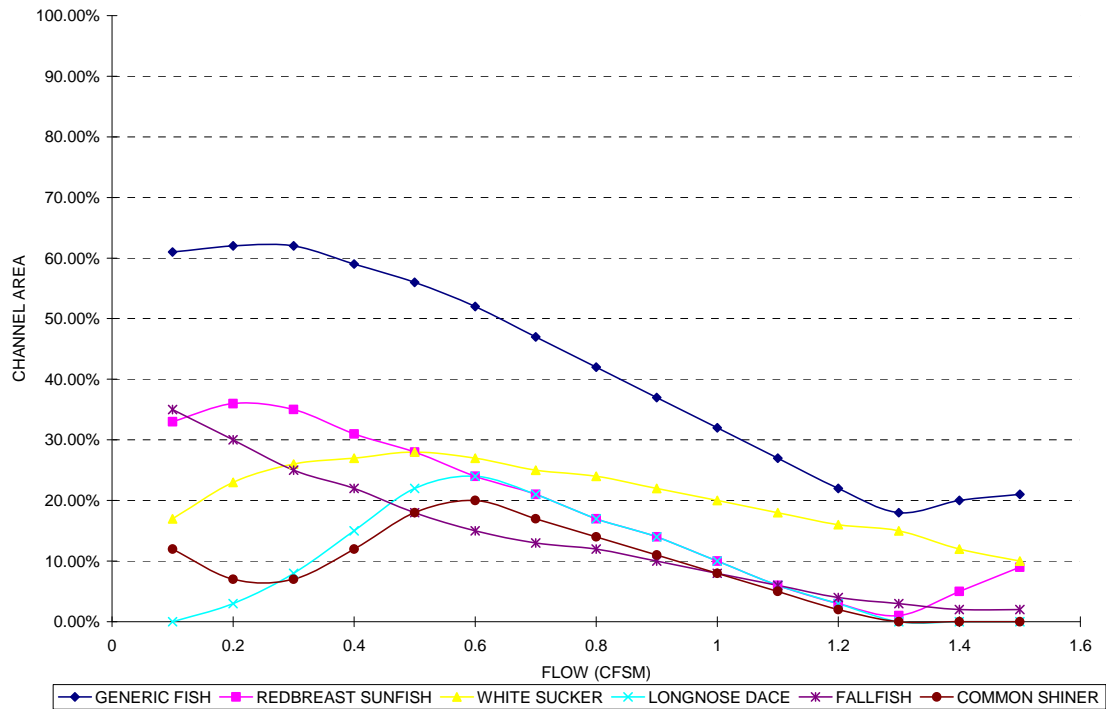


Figure 20: Optimal rating curves for fish in Reach 2a during the Resident Species Spawning bioperiod

Suitability Curve(s) for Site: 2b

Project: Lamprey River Spawn

Curve: Optimal

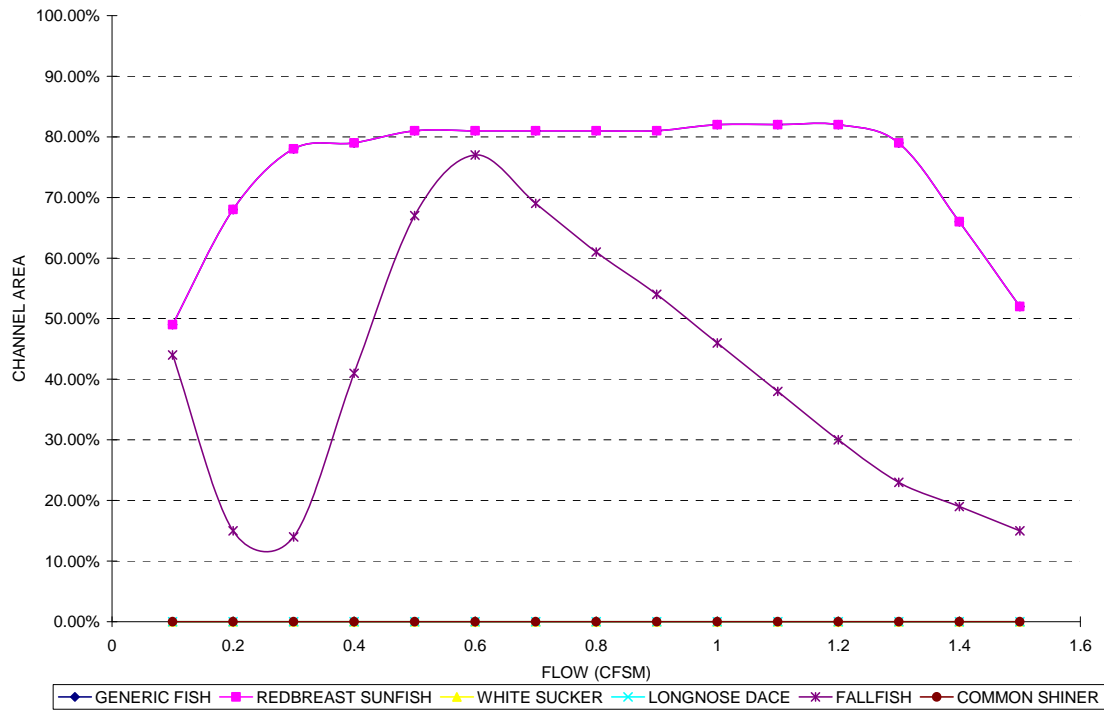


Figure 21: Optimal rating curves for fish in Reach 3b during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 3

Project: Lamprey River Spawn

Curve: Optimal

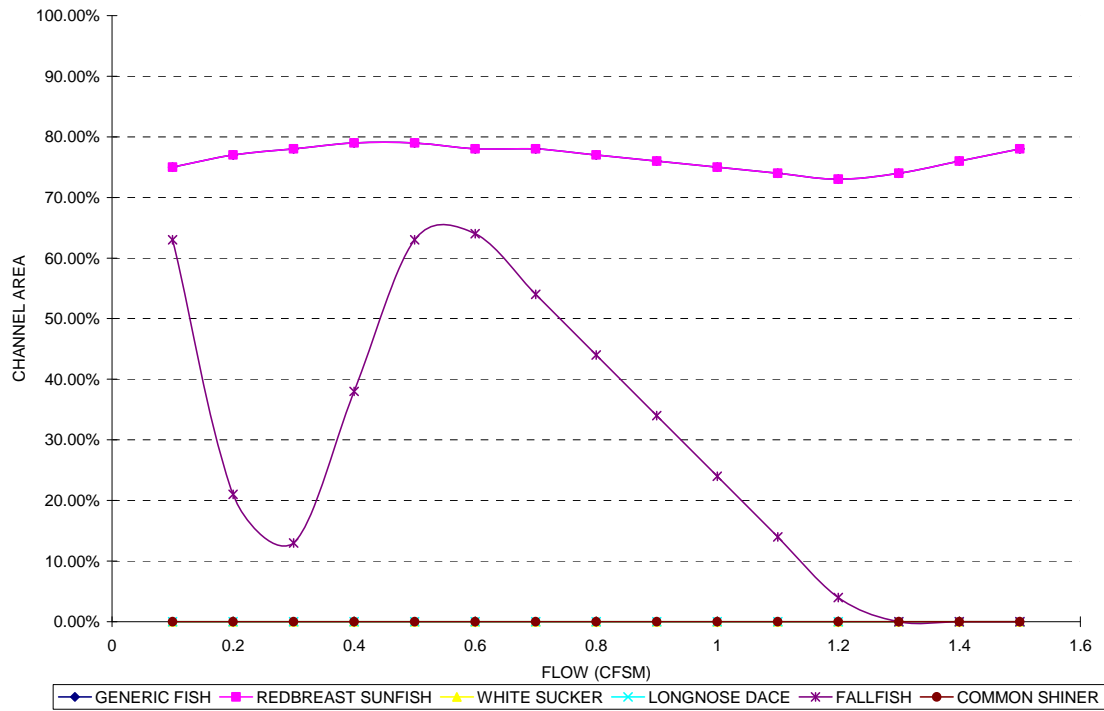


Figure 22: Optimal rating curves for fish in Reach 3 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 4

Project: Lamprey River Spawn
Curve: Optimal

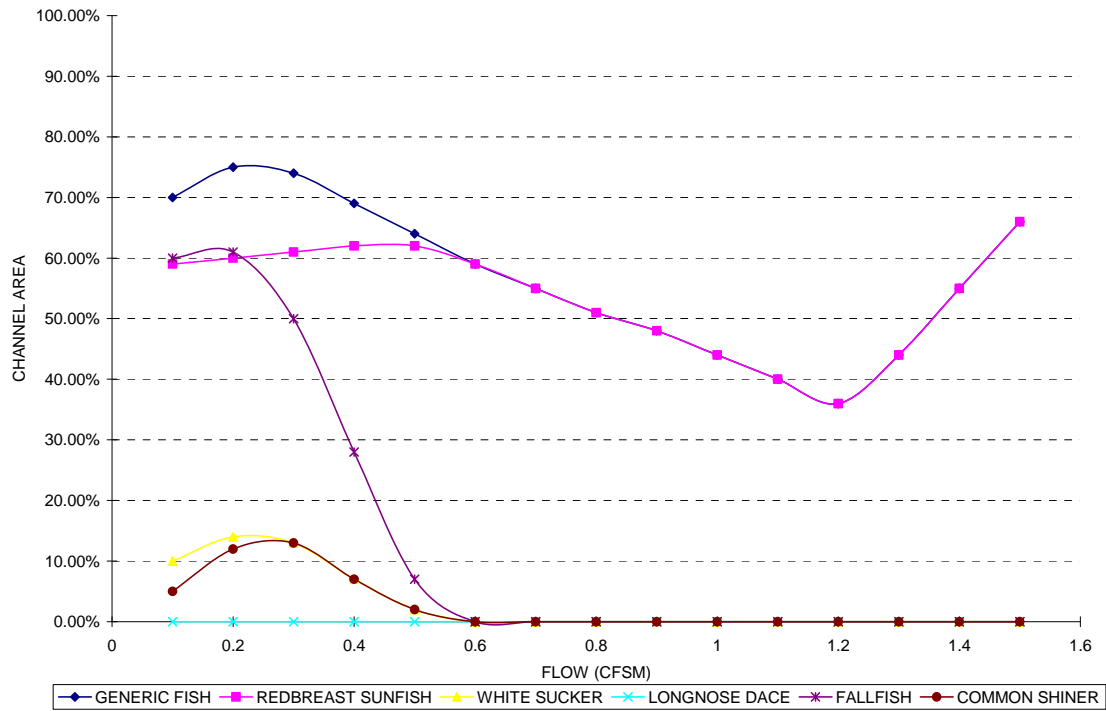


Figure 23: Optimal rating curves for fish in Reach 4 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 5

Project: Lamprey River Spawn

Curve: Optimal

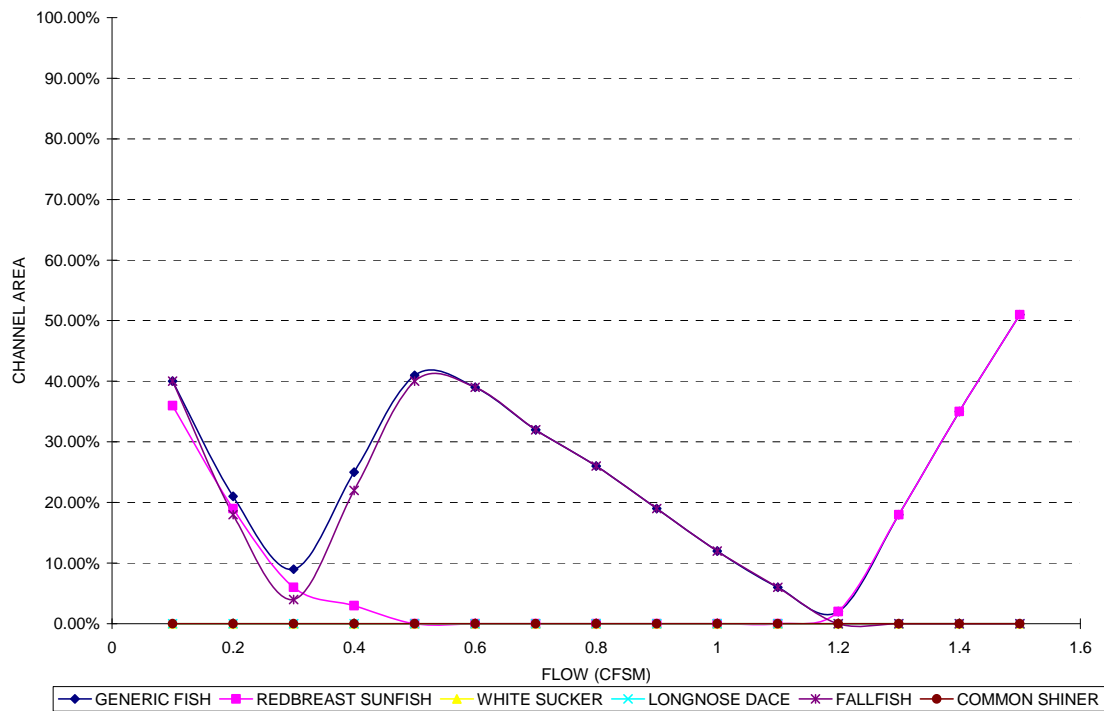


Figure 24: Optimal rating curves for fish in Reach 5 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 6

Project: Lamprey River Spawn
Curve: Optimal

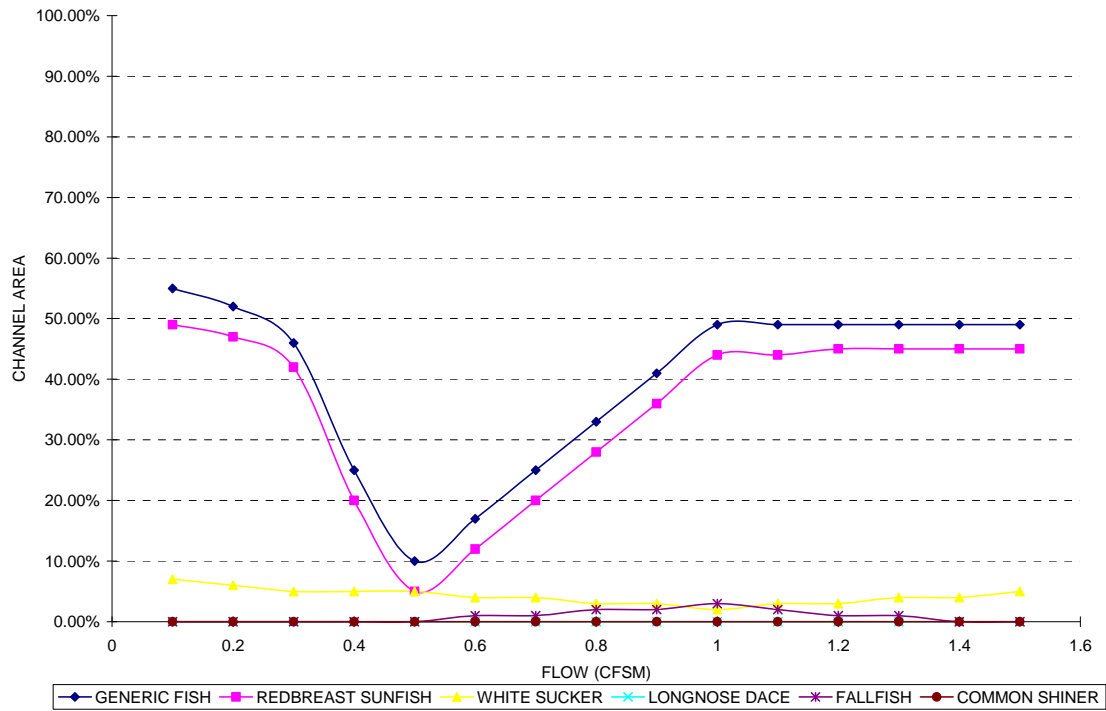


Figure 25: Optimal rating curves for fish in Reach 6 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 7

Project: Lamprey River Spawn

Curve: Optimal

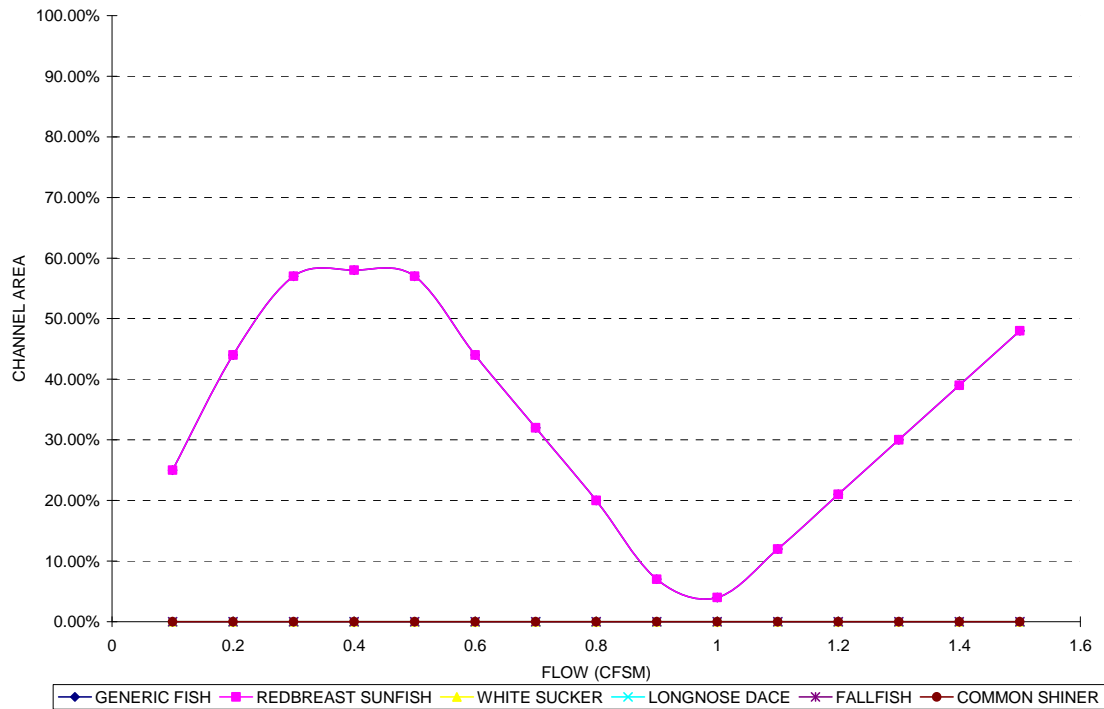


Figure 26: Optimal rating curves for fish in Reach 7 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 8

Project: Lamprey River Spawn

Curve: Optimal

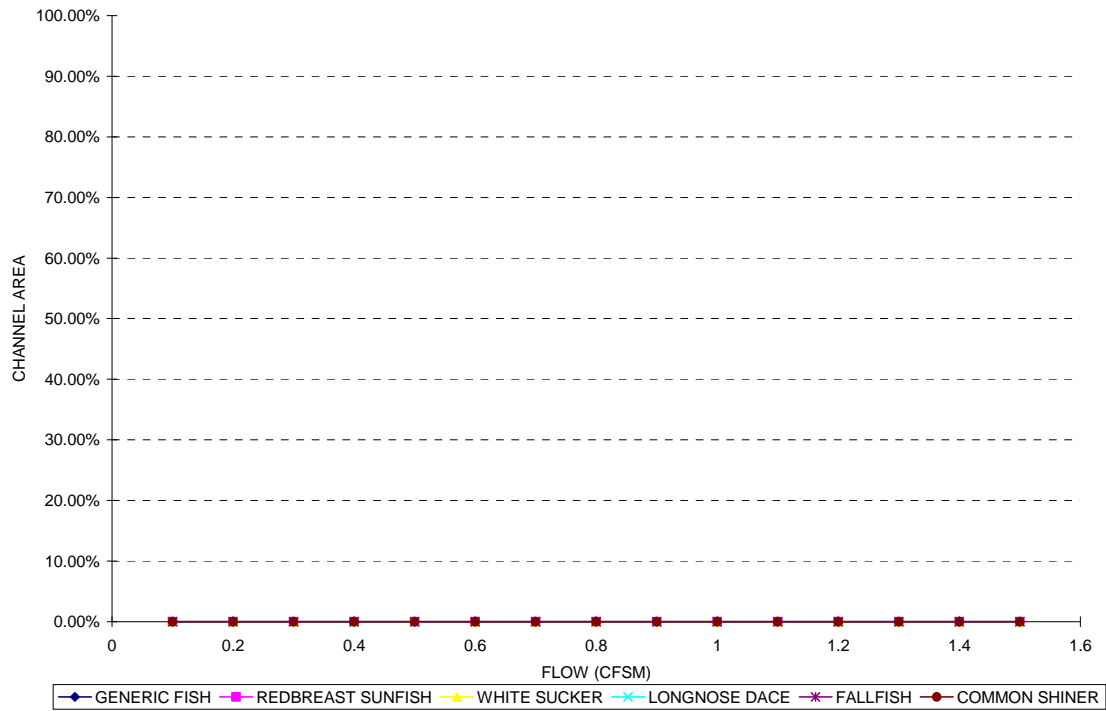


Figure 27: Optimal rating curves for fish in Reach 8 during the Resident Species Spawning bioperiod.

4.
Current Conditions
Anadromous Species Spawning Suitability



Suitability Curve(s) for Site: 1

Project: Lamprey River Spawn
Curve: Suitability

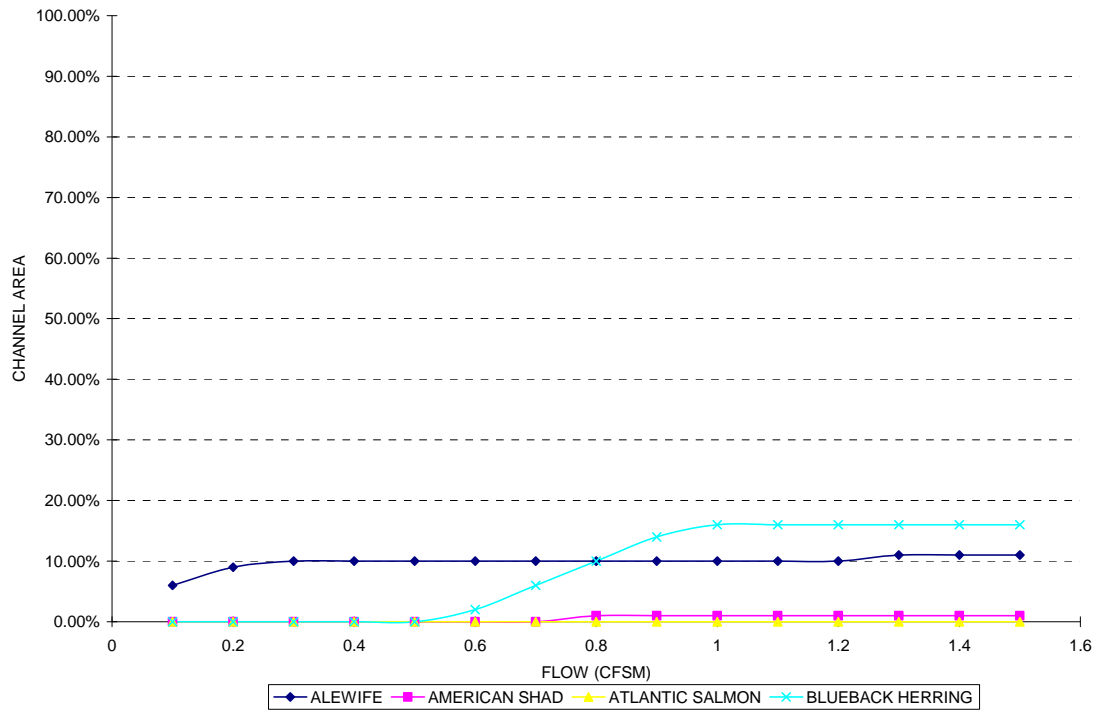


Figure 28: Suitable habitat rating curves for fish in Reach 1 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 2a

Project: Lamprey River Spawn

Curve: Suitability

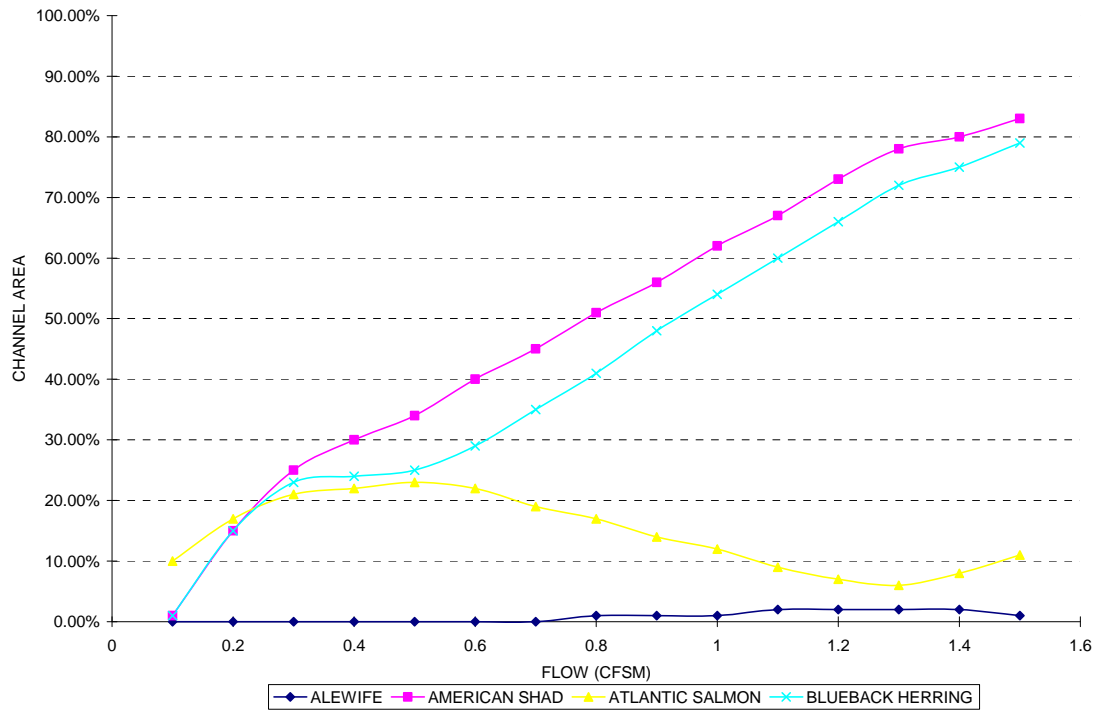


Figure 29: Suitable habitat rating curves for fish in Reach 2a during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 2b

Project: Lamprey River Spawn

Curve: Suitability

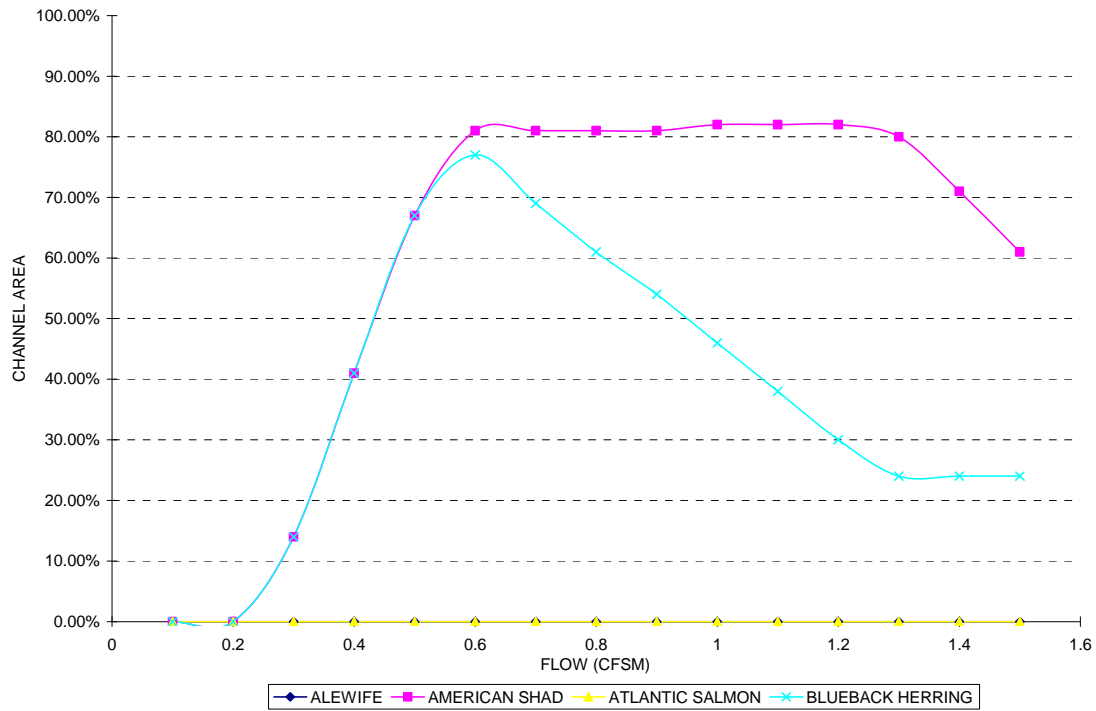


Figure 30: Suitable habitat rating curves for fish in Reach 2b during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 3

Project: Lamprey River Spawn

Curve: Suitability

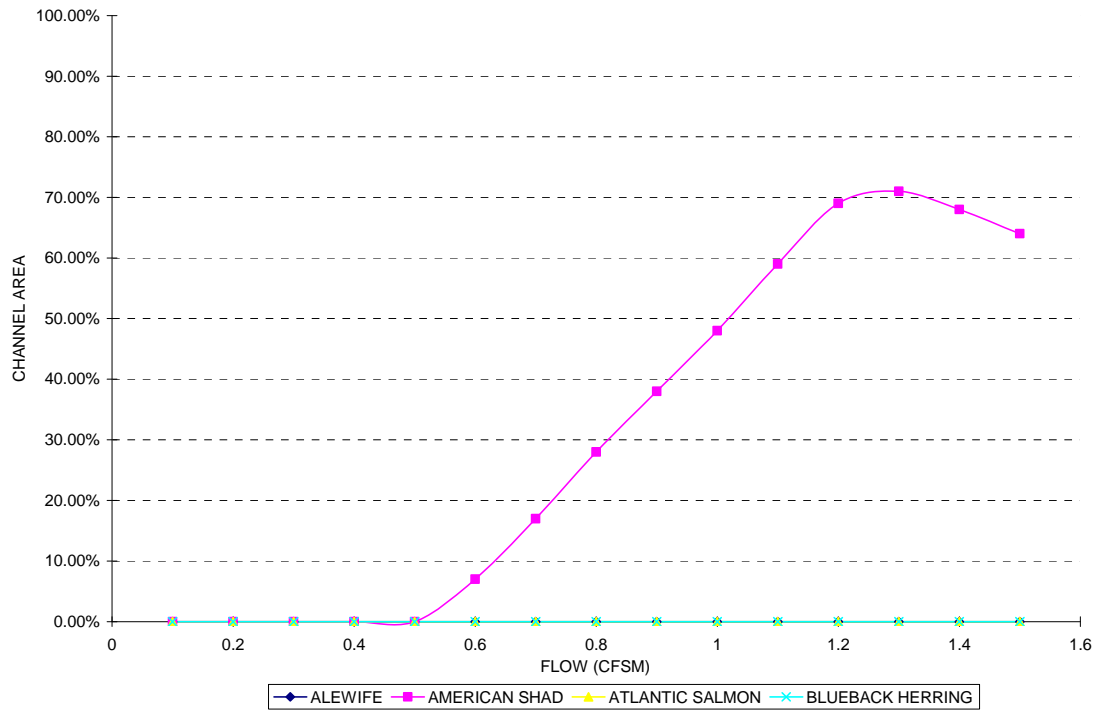


Figure 33: Suitable habitat rating curves for fish in Reach 3 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 4

Project: Lamprey River Spawn

Curve: Suitability

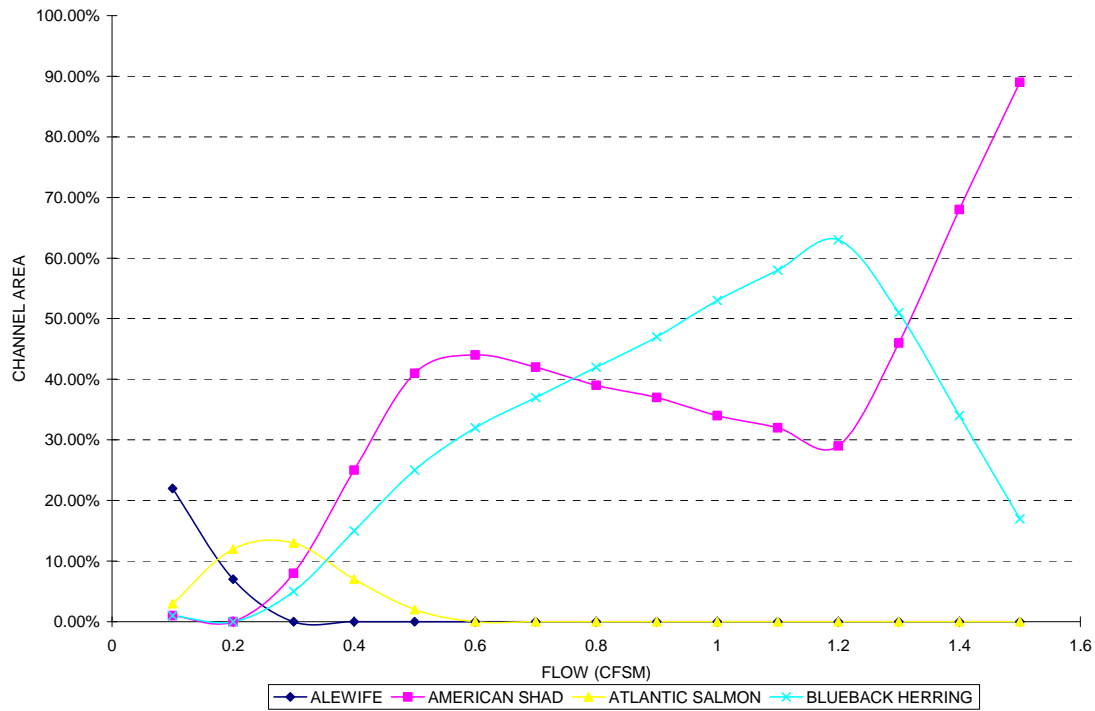


Figure 34: Suitable habitat rating curves for fish in Reach 4 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 5

Project: Lamprey River Spawn

Curve: Suitability

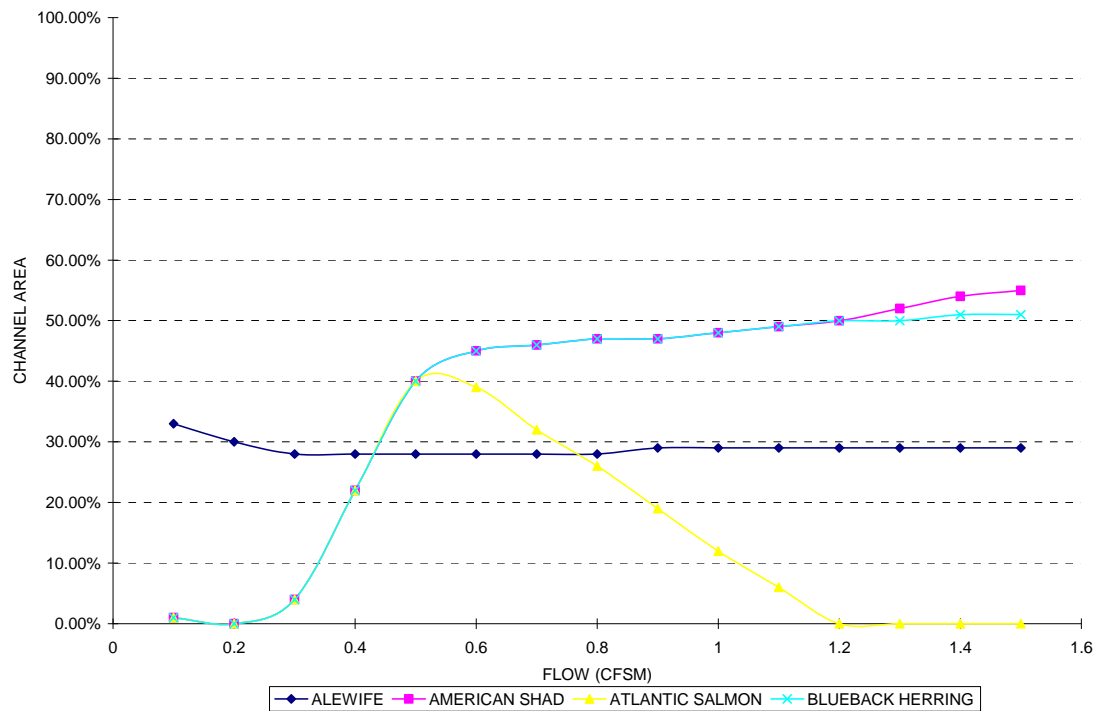


Figure 35: Suitable habitat rating curves for fish in Reach 5 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 6

Project: Lamprey River Spawn

Curve: Suitability

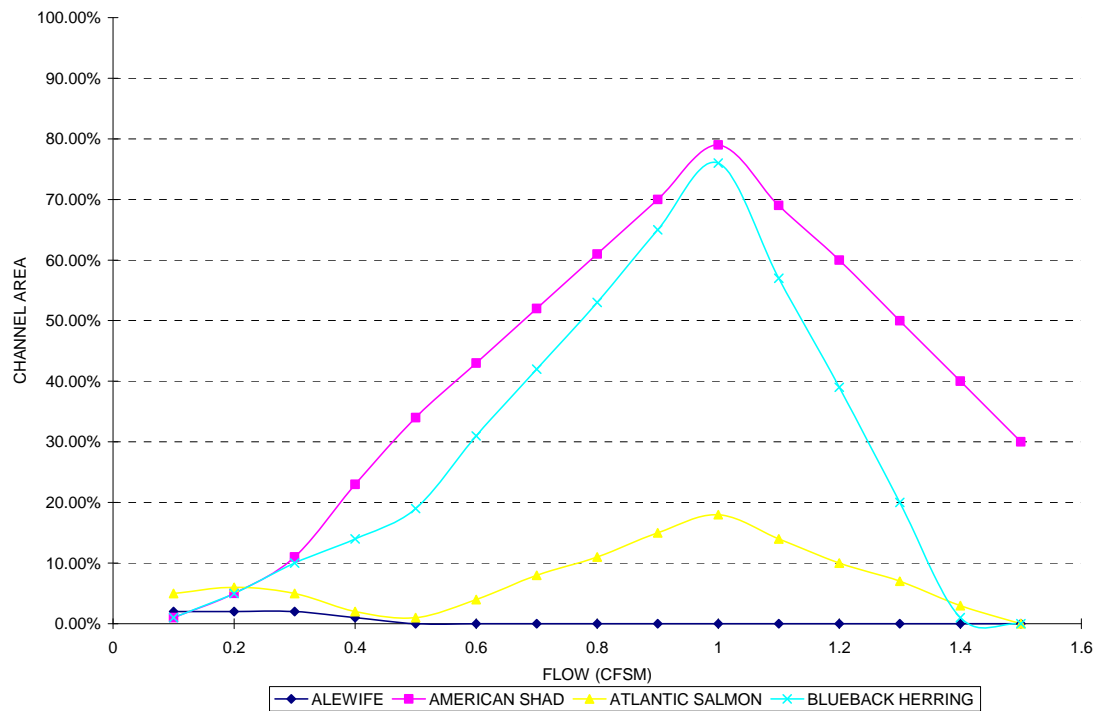


Figure 36: Suitable habitat rating curves for fish in Reach 6 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 7

Project: Lamprey River Spawn

Curve: Suitability

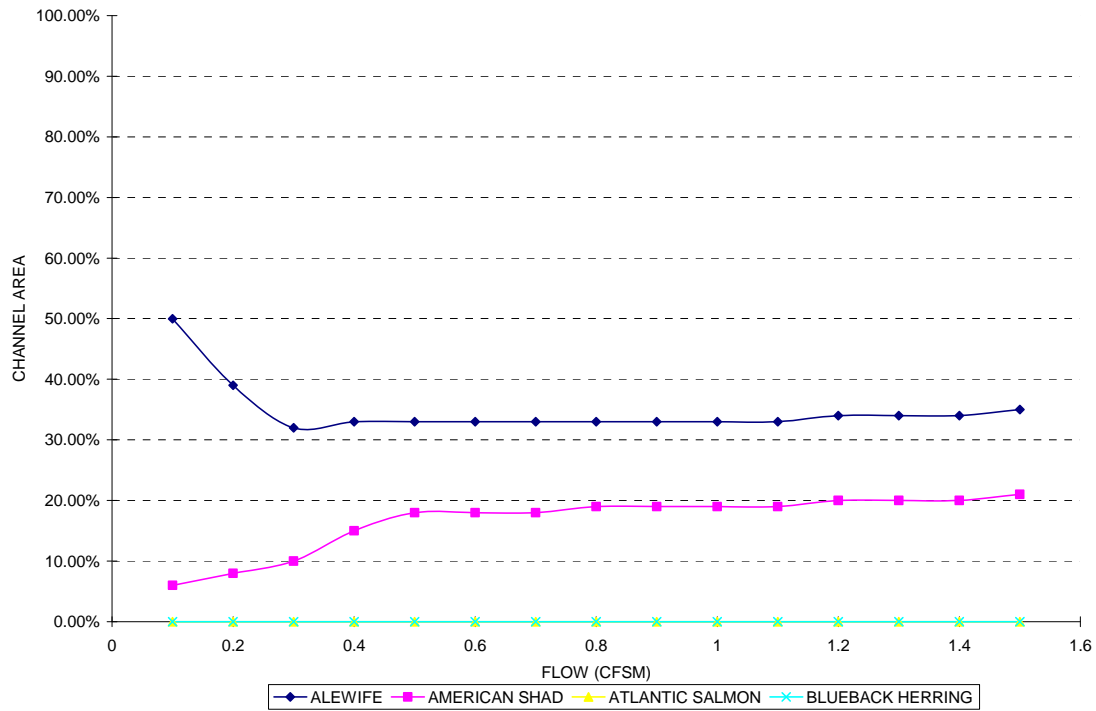


Figure 37: Suitable habitat rating curves for fish in Reach 7 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 8

Project: Lamprey River Spawn

Curve: Suitability

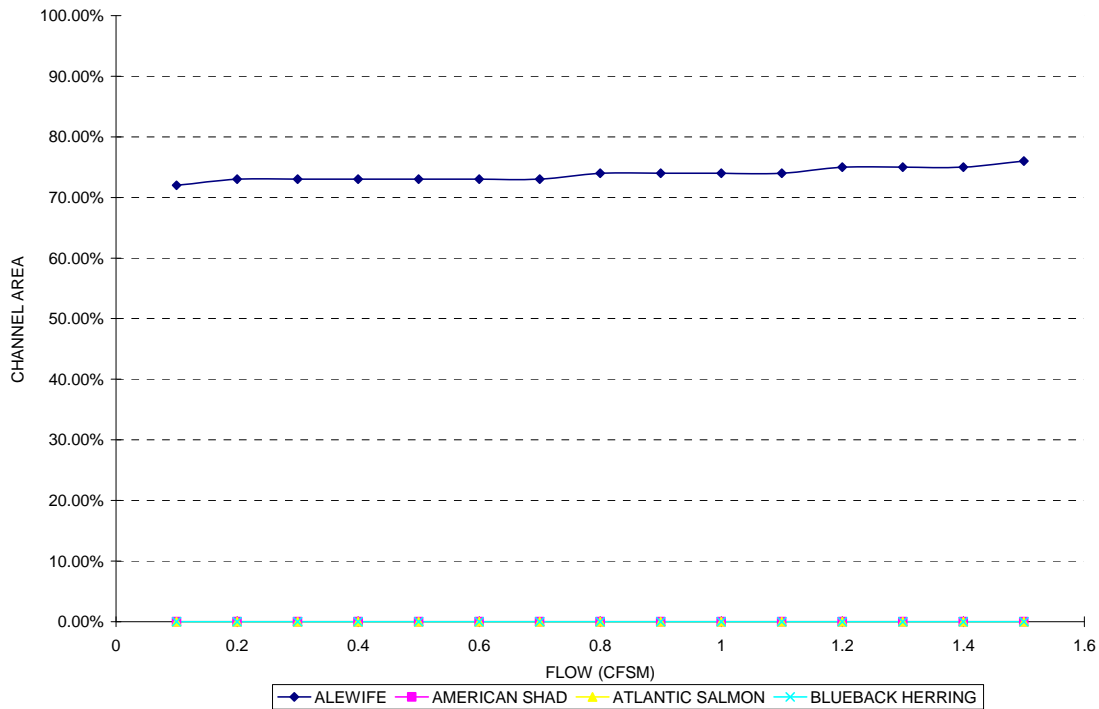


Figure 38: Suitable habitat rating curves for fish in Reach 8 during the Anadromous Species Spawning bioperiod.

5.

Current Conditions

Anadromous Species Spawning

Effective Habitat

Suitability Curve(s) for Site: 1

Project: Lamprey River Spawn
Effective Habitat

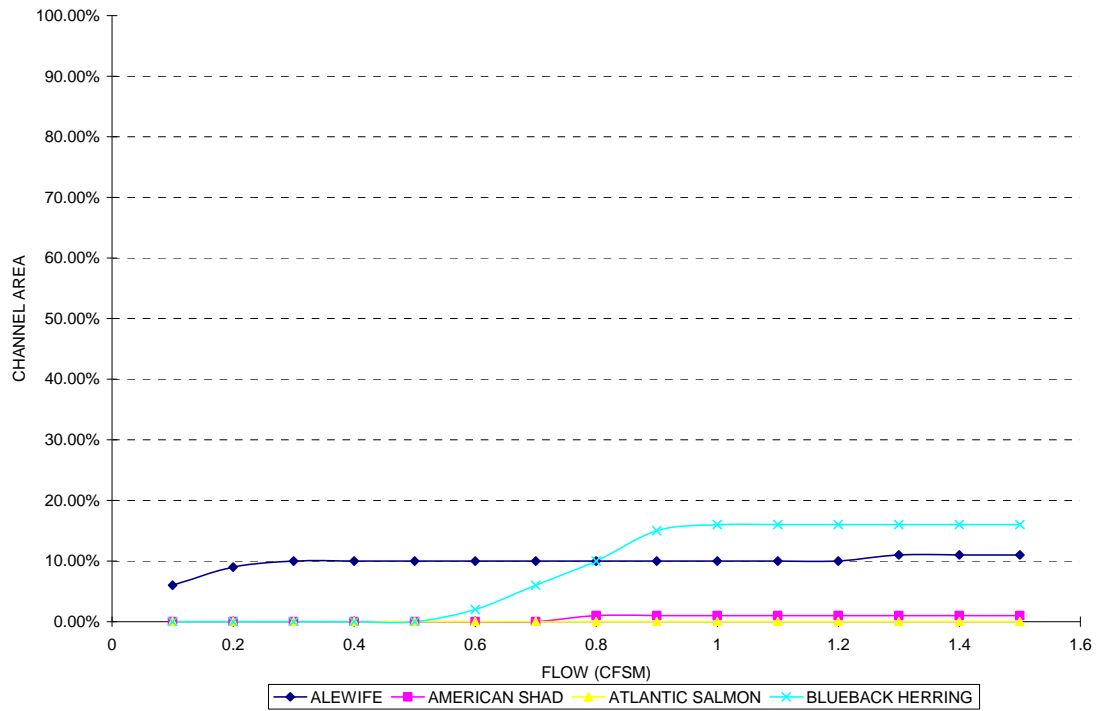


Figure 39: Effective habitat rating curves for fish in Reach 1 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 2a

Project: Lamprey River Spawn
Effective Habitat

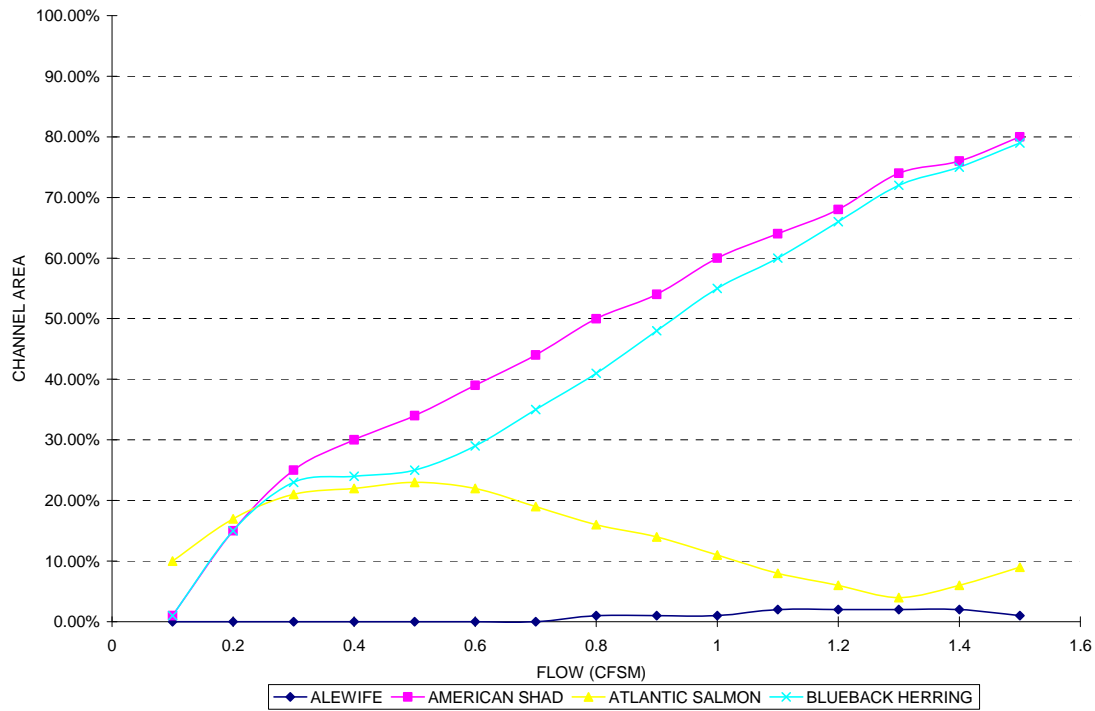


Figure 40: Effective habitat rating curves for fish in Reach 2a during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 2b

Project: Lamprey River Spawn
Effective Habitat

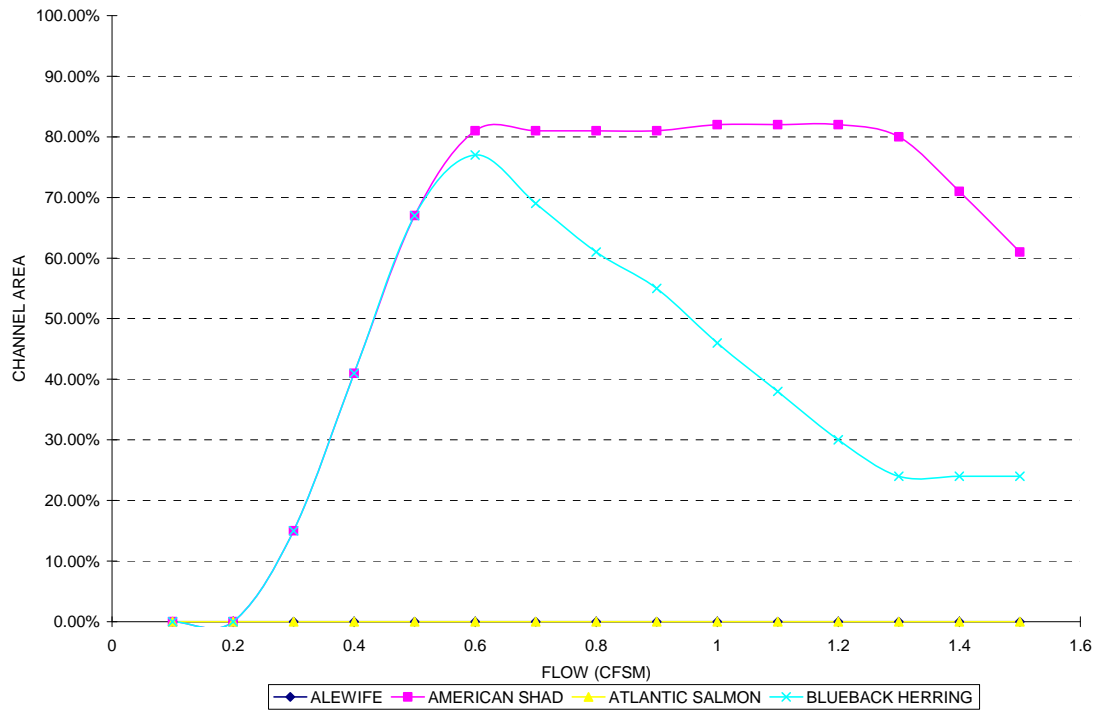


Figure 41: Effective habitat rating curves for fish in Reach 2b during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 3

Project: Lamprey River Spawn
Effective Habitat

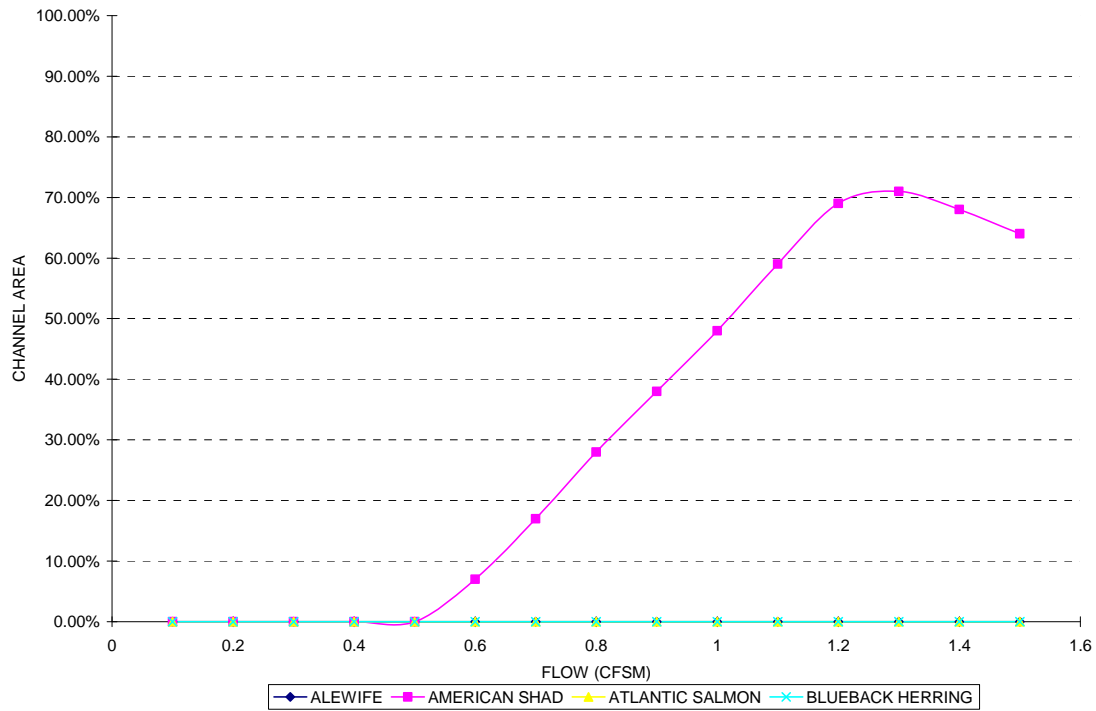


Figure 42: Effective habitat rating curves for fish in Reach 3 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 4

Project: Lamprey River Spawn
Effective Habitat

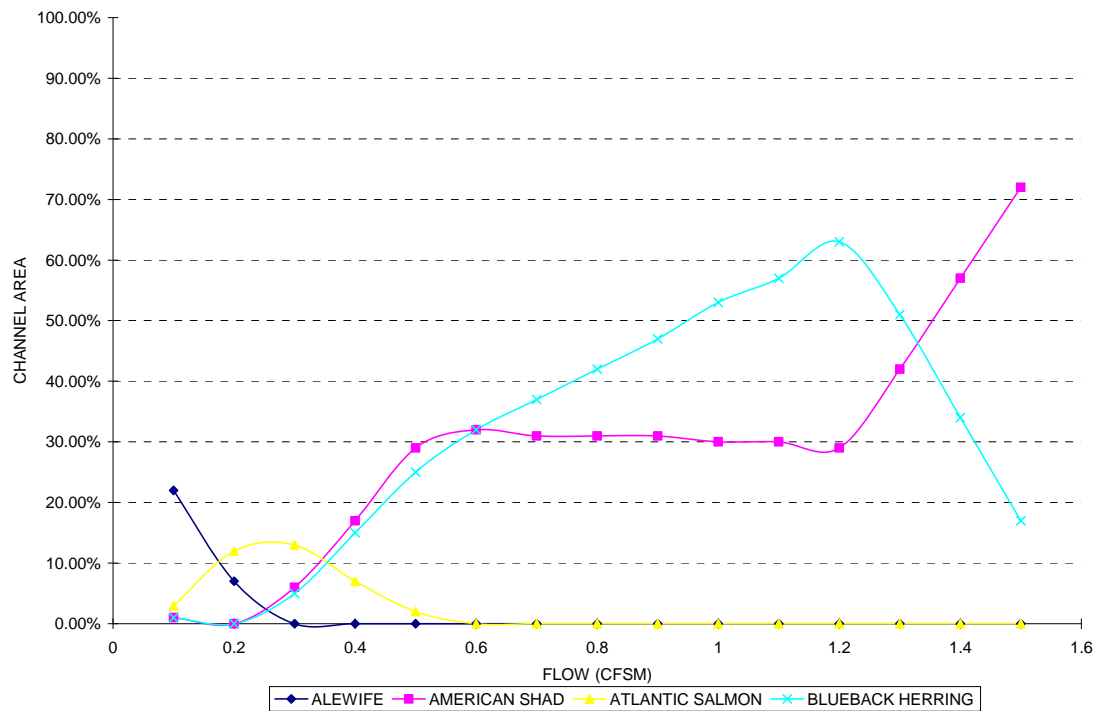


Figure 43: Effective habitat rating curves for fish in Reach 4 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 5

Project: Lamprey River Spawn
Effective Habitat

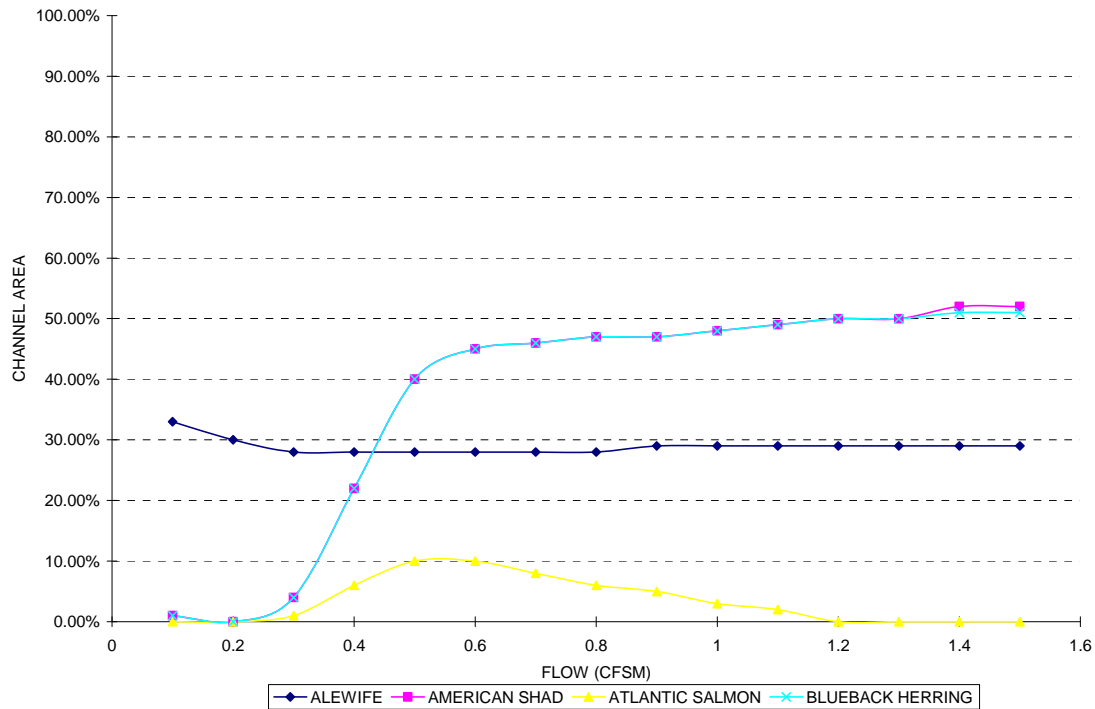


Figure 44: Effective habitat rating curves for fish in Reach 5 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 6

Project: Lamprey River Spawn
Effective Habitat

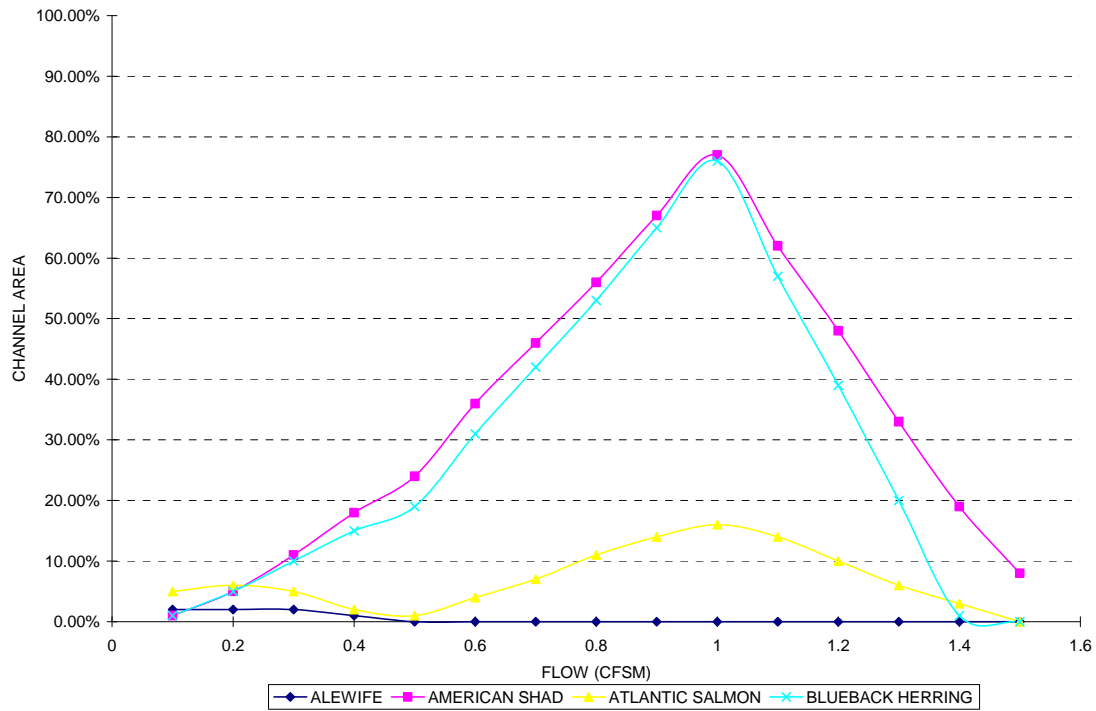


Figure 45: Effective habitat rating curves for fish in Reach 6 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 7

Project: Lamprey River Spawn
Effective Habitat

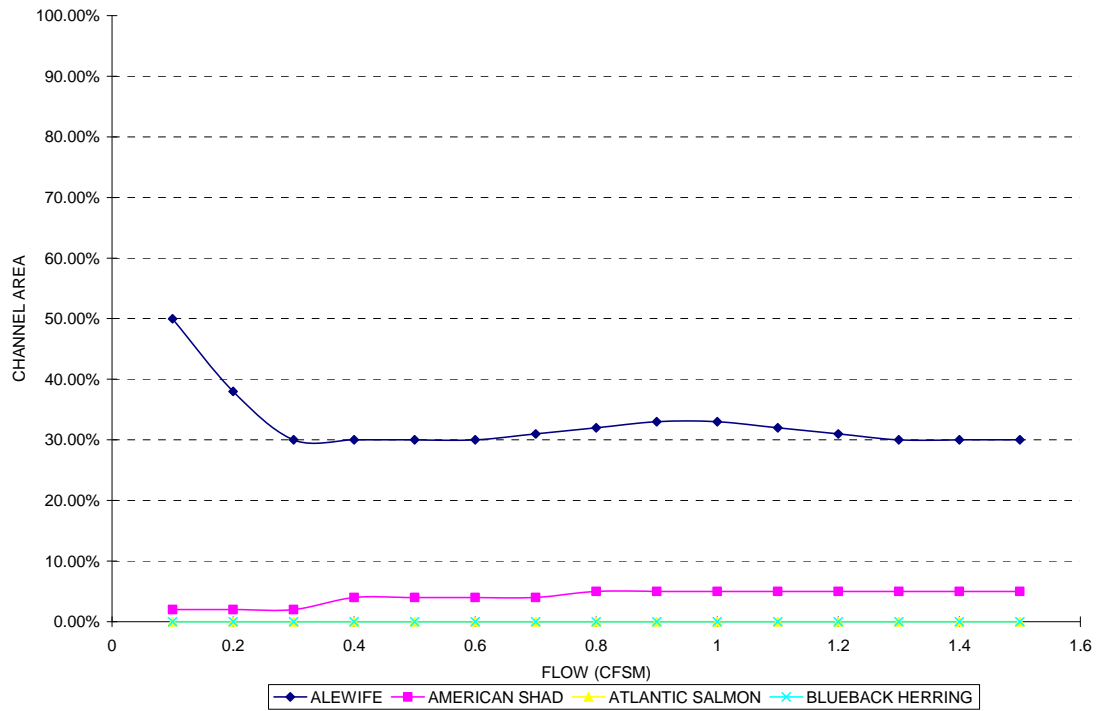


Figure 46: Effective habitat rating curves for fish in Reach 7 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 8

Project: Lamprey River Spawn
Effective Habitat

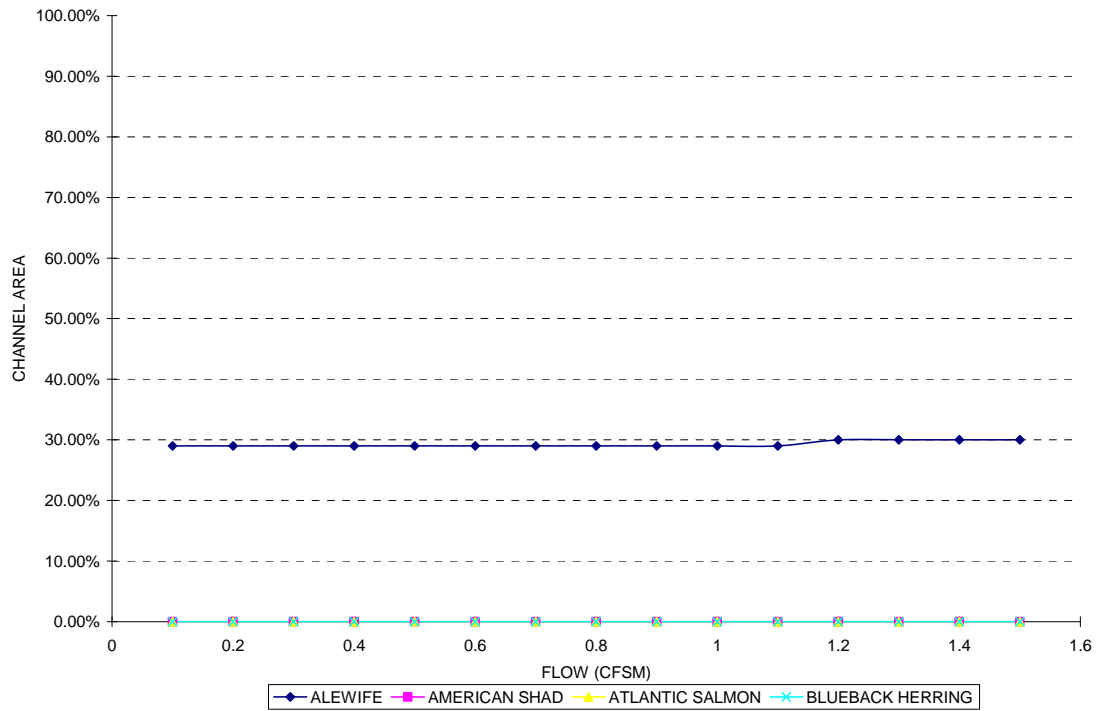


Figure 47: Effective habitat rating curves for fish in Reach 8 during the Anadromous Species Spawning bioperiod.

Current Conditions
Anadromous Species Spawning Optimal



Suitability Curve(s) for Site: 1

Project: Lamprey River Spawn
Curve: Optimal

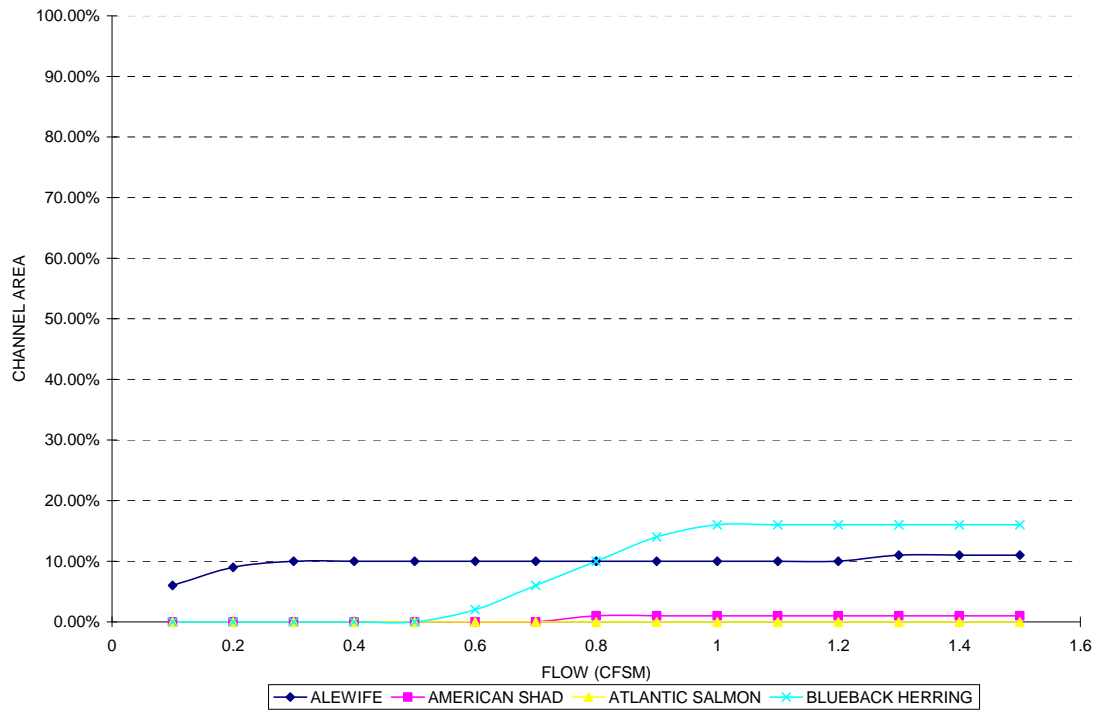


Figure 48: Optimal rating curves for fish in Reach 1 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 2a

Project: Lamprey River Spawn

Curve: Optimal

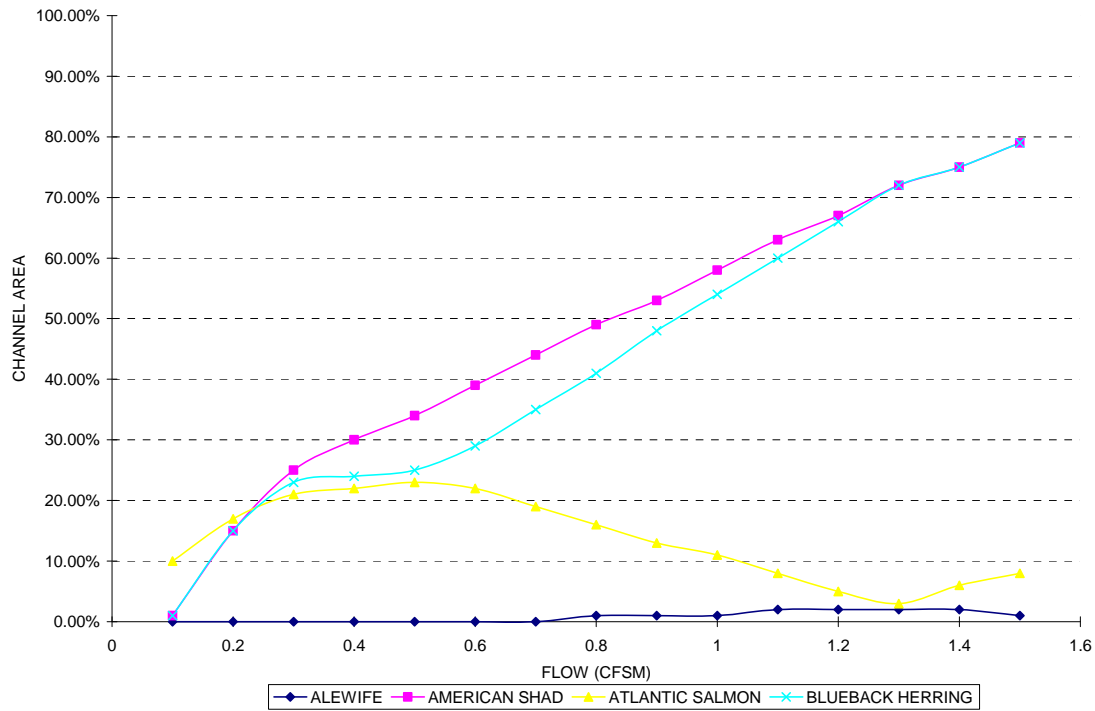


Figure 49: Optimal rating curves for fish in Reach 2a during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 2b

Project: Lamprey River Spawn

Curve: Optimal

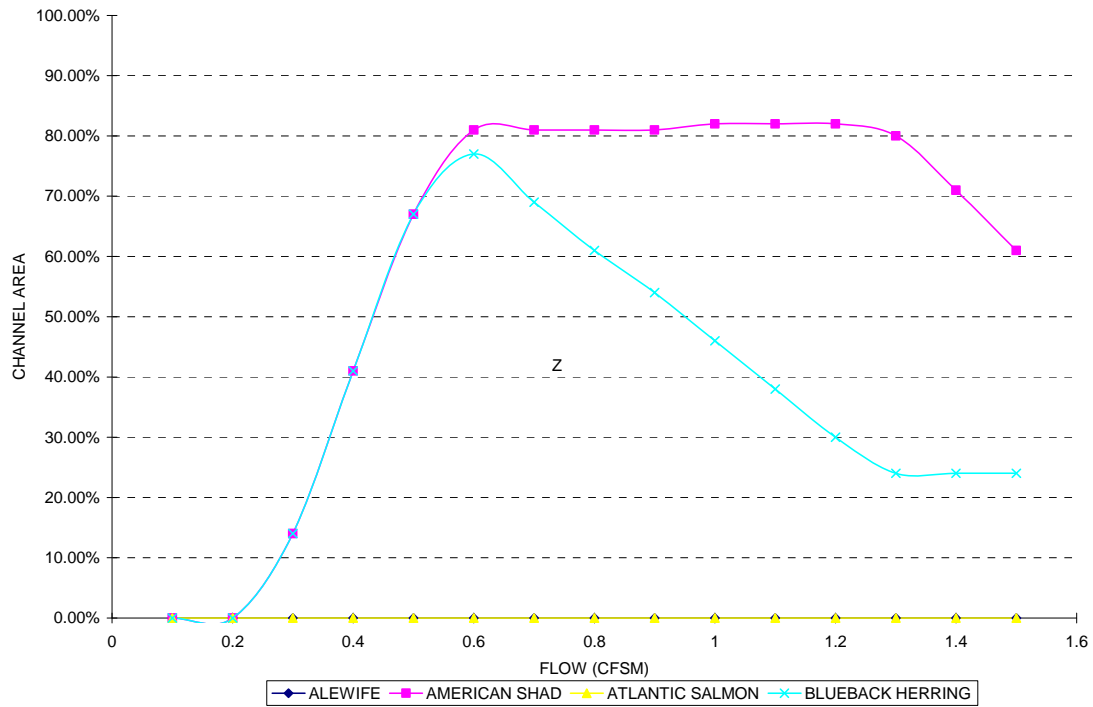


Figure 50: Optimal rating curves for fish in Reach 2b during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 3

Project: Lamprey River Spawn

Curve: Optimal

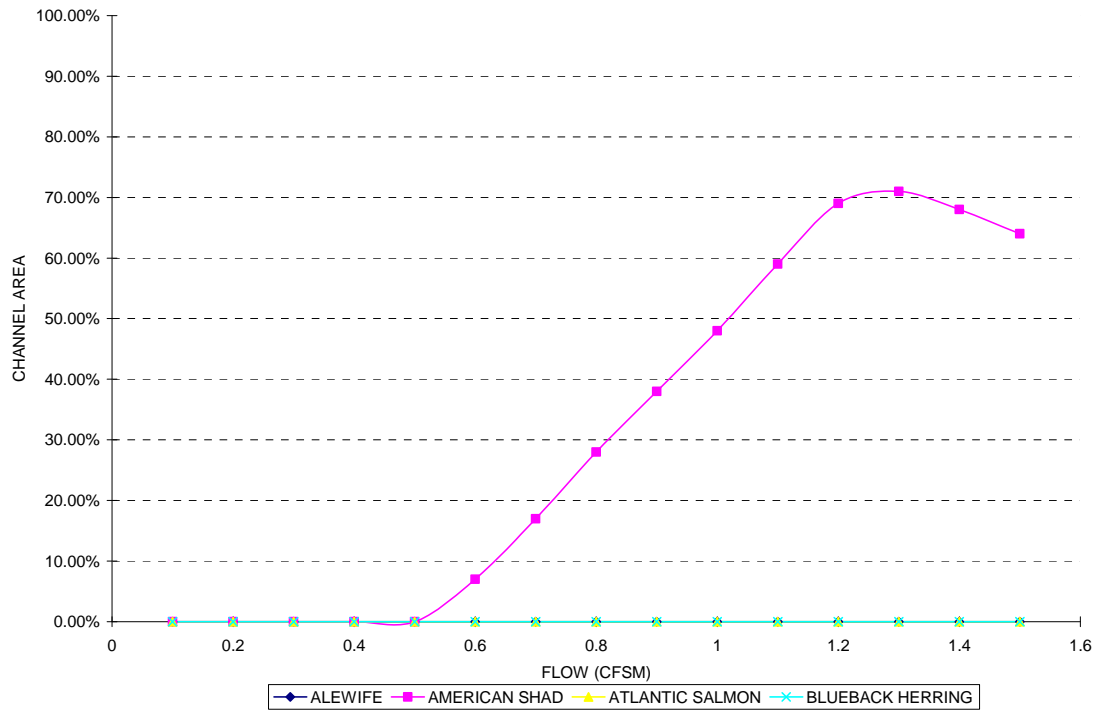


Figure 51: Optimal rating curves for fish in Reach 3 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 4

Project: Lamprey River Spawn
Curve: Optimal

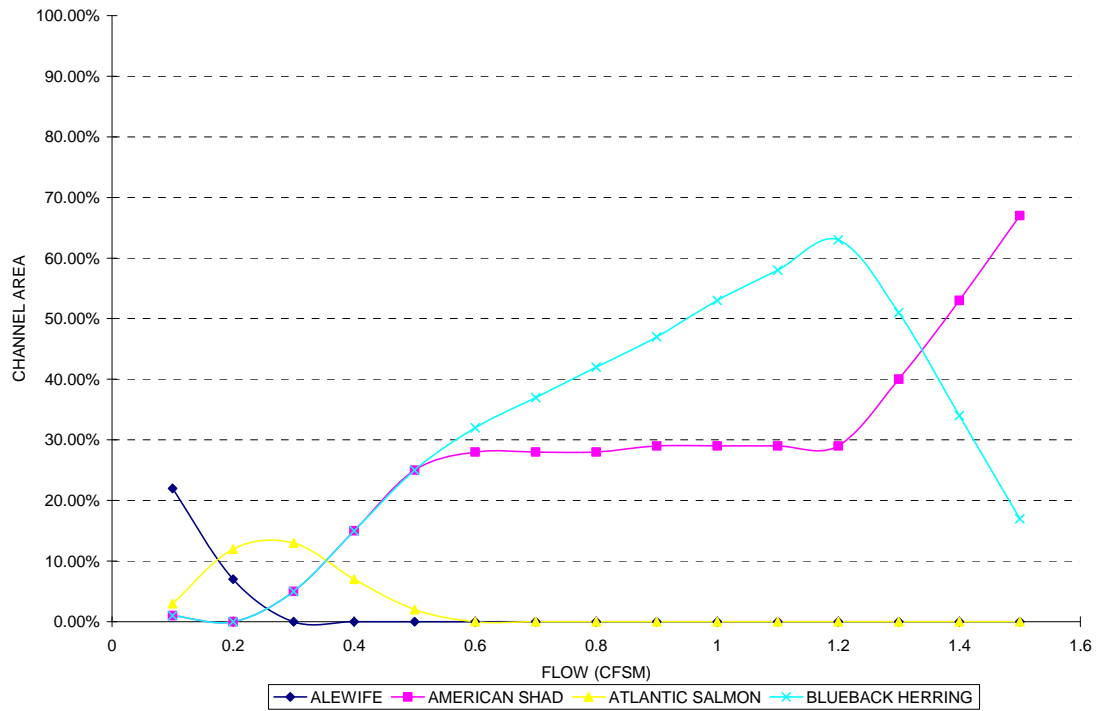


Figure 52: Optimal rating curves for fish in Reach 4 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 5

Project: Lamprey River Spawn
Curve: Optimal

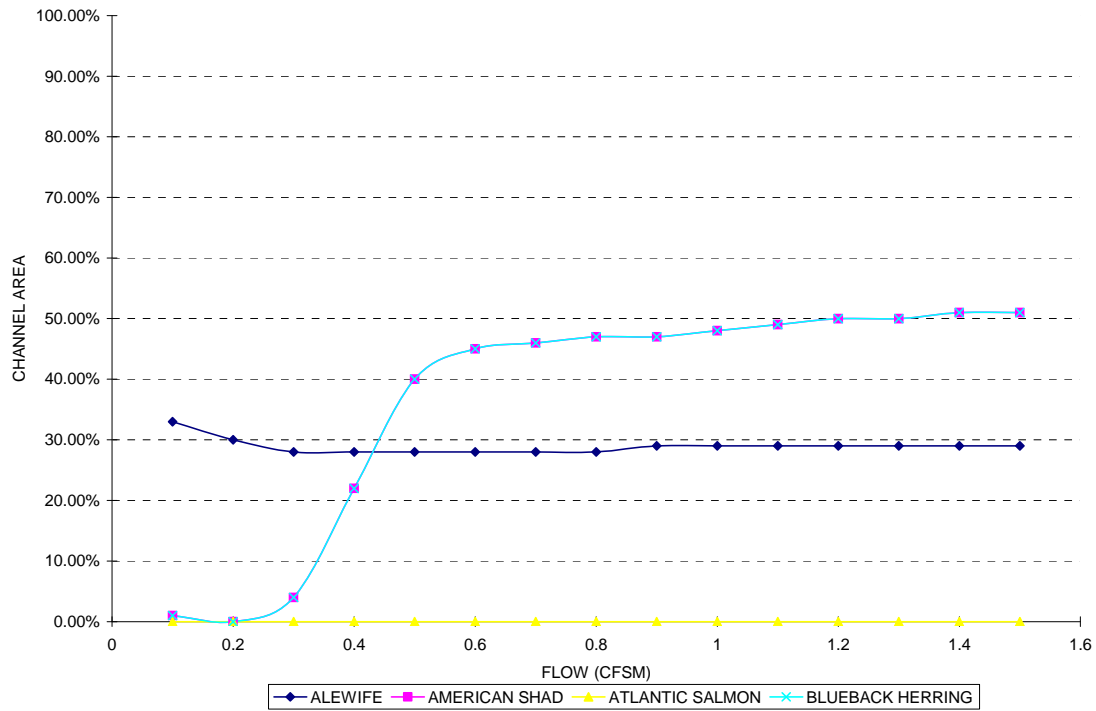


Figure 53: Optimal rating curves for fish in Reach 5 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 6

Project: Lamprey River Spawn

Curve: Optimal

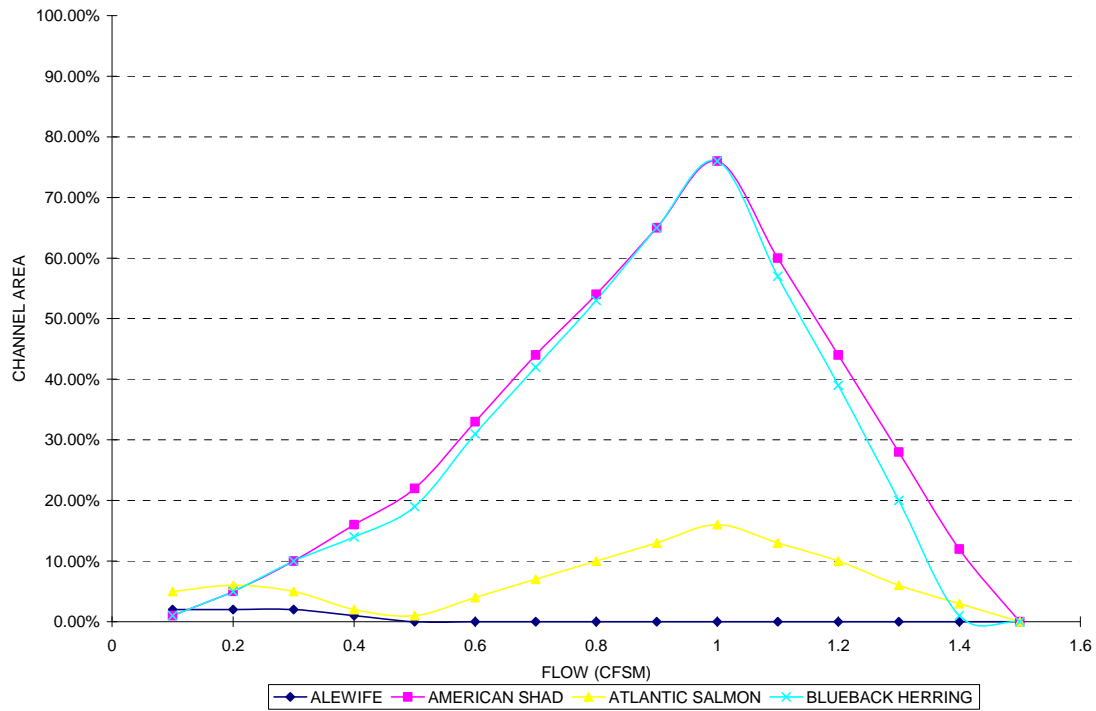


Figure 54: Optimal rating curves for fish in Reach 6 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 7

Project: Lamprey River Spawn

Curve: Optimal

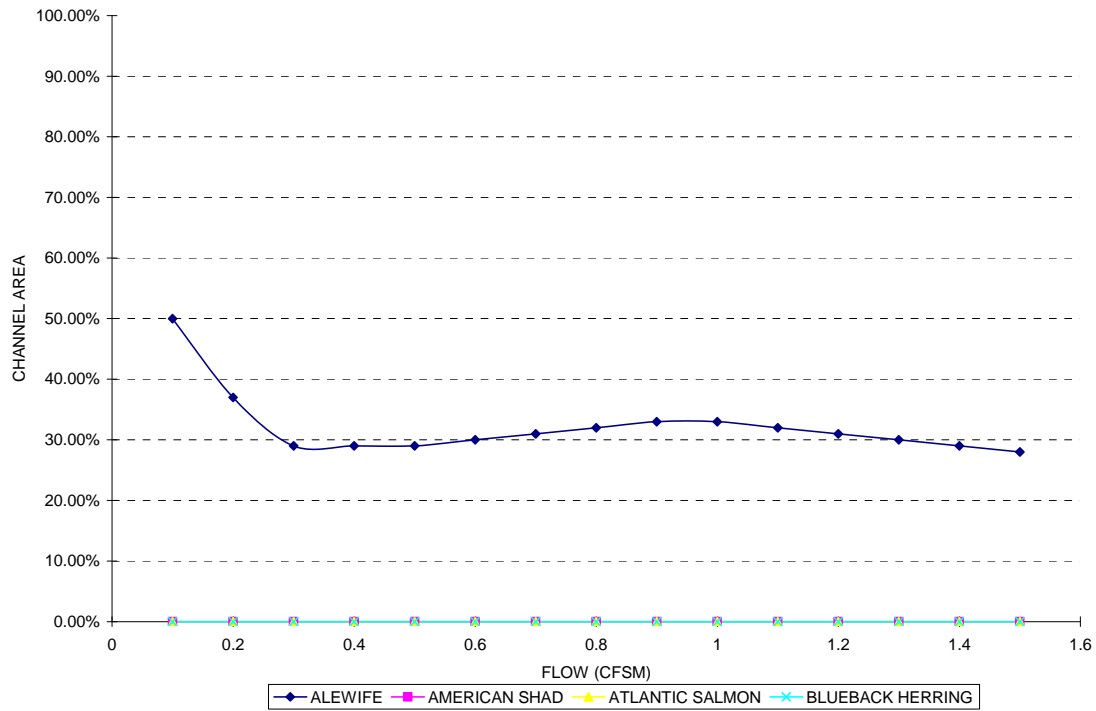


Figure 55: Optimal rating curves for fish in Reach 7 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 8

Project: Lamprey River Spawn

Curve: Optimal

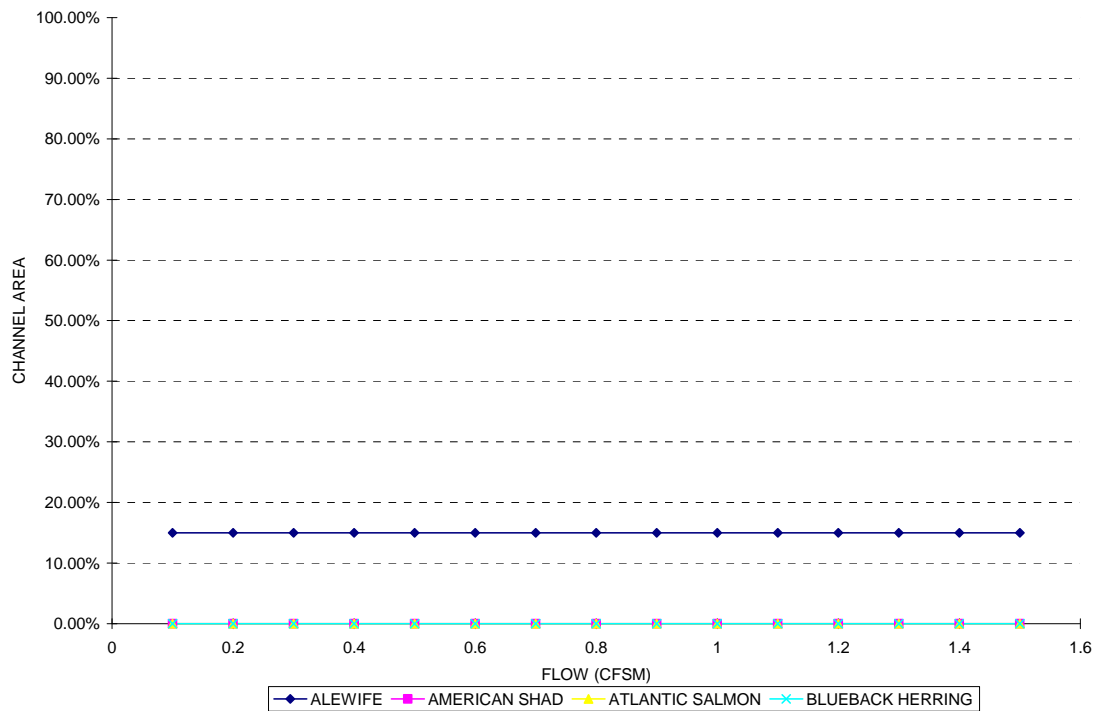


Figure 56: Optimal rating curves for fish in Reach 8 during the Anadromous Species Spawning bioperiod.

7.

Current Conditions

Rearing and Growth bioperiod

Suitability

Suitability Curve(s) for Site: 1

Project: Lamprey River AIC

Curve: Suitability

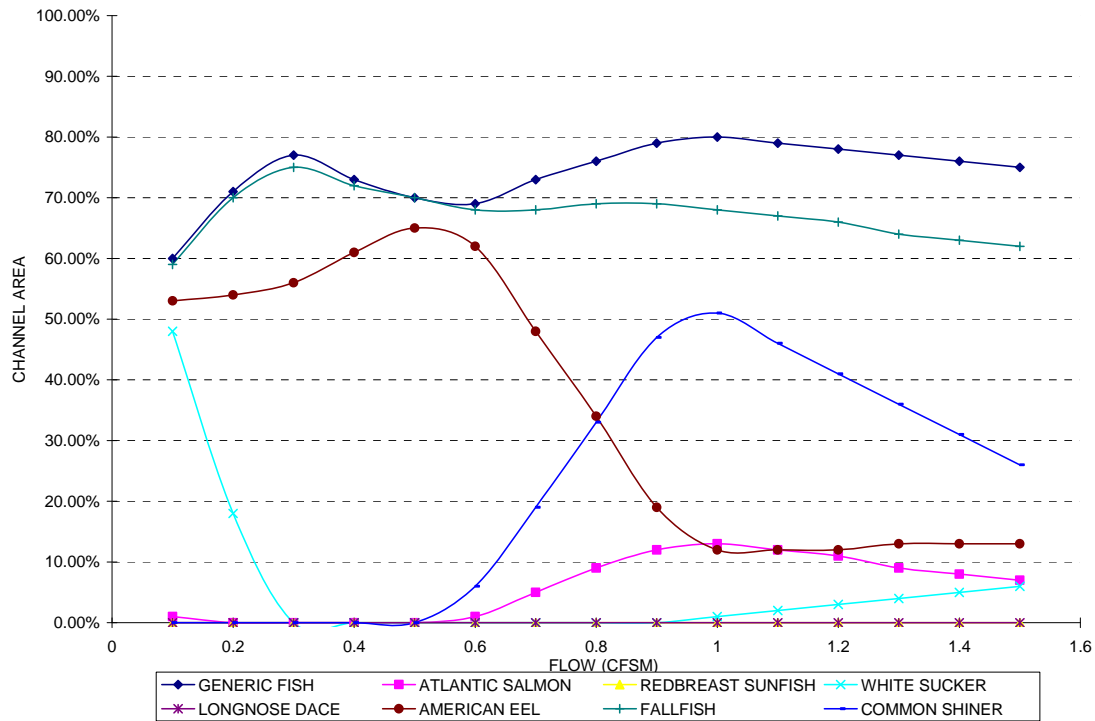


Figure 57: Suitability rating curves in Reach 1 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 2a

Project: Lamprey River AIC

Curve: Suitability

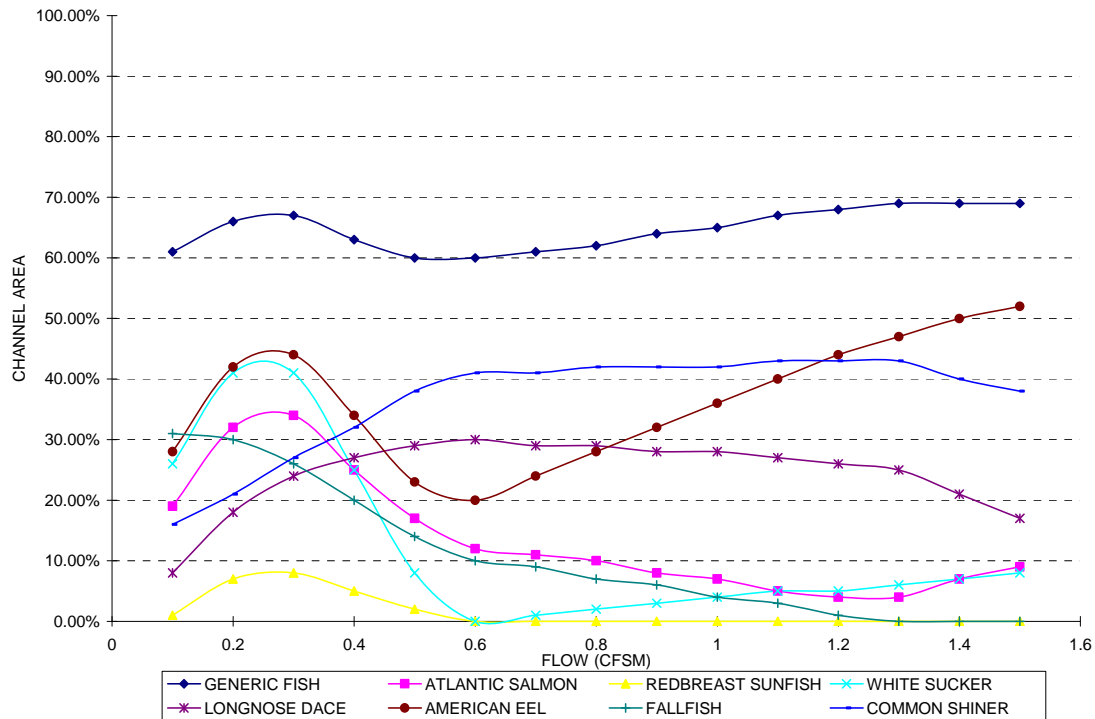


Figure 58: Suitability rating curves in Reach 2a during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 2b

Project: Lamprey River AIC

Curve: Suitability

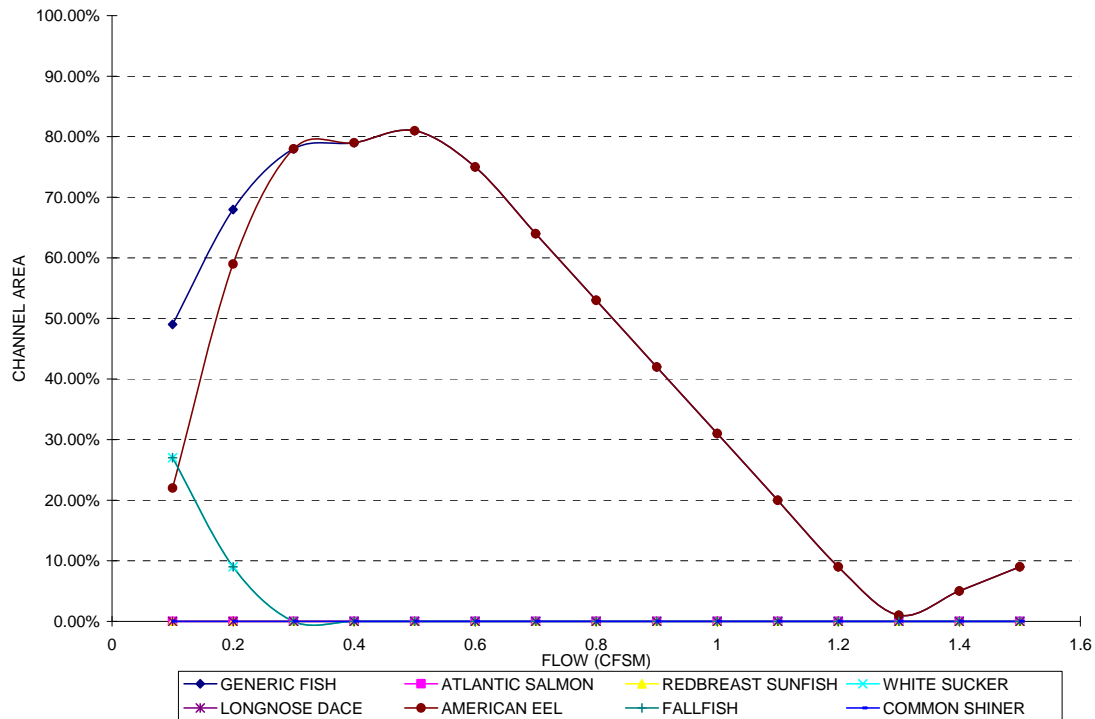


Figure 59: Suitability rating curves in Reach 2b during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 3

Project: Lamprey River AIC

Curve: Suitability

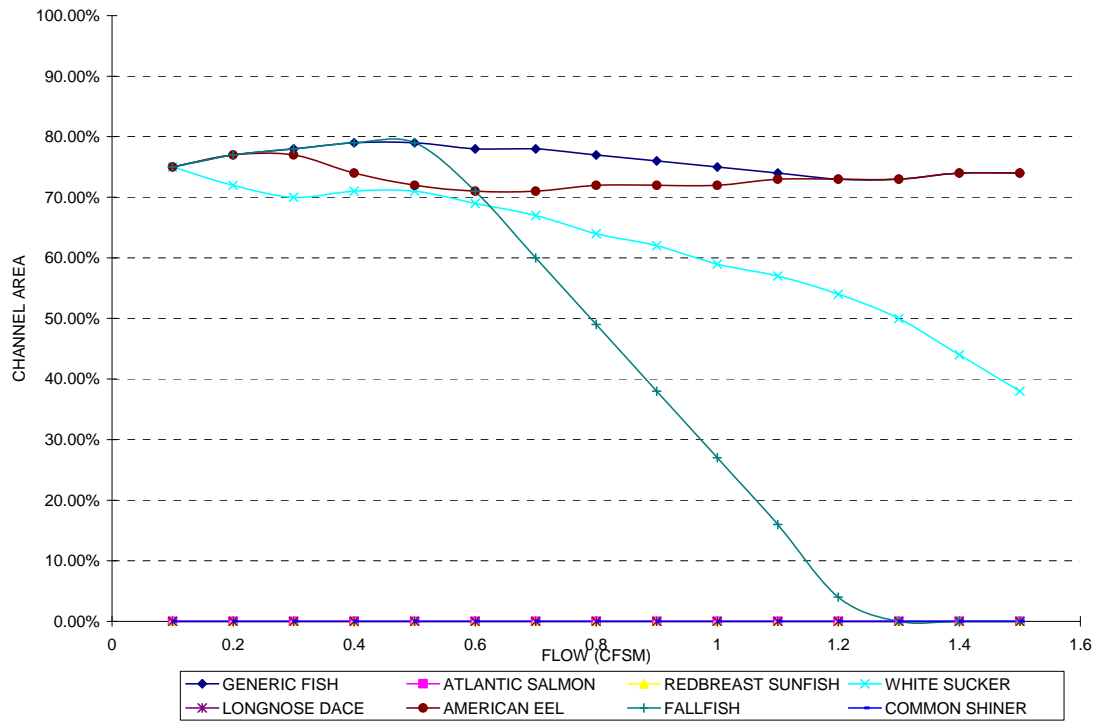


Figure 60: Suitability rating curves in Reach 3 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 4

Project: Lamprey River AIC

Curve: Suitability

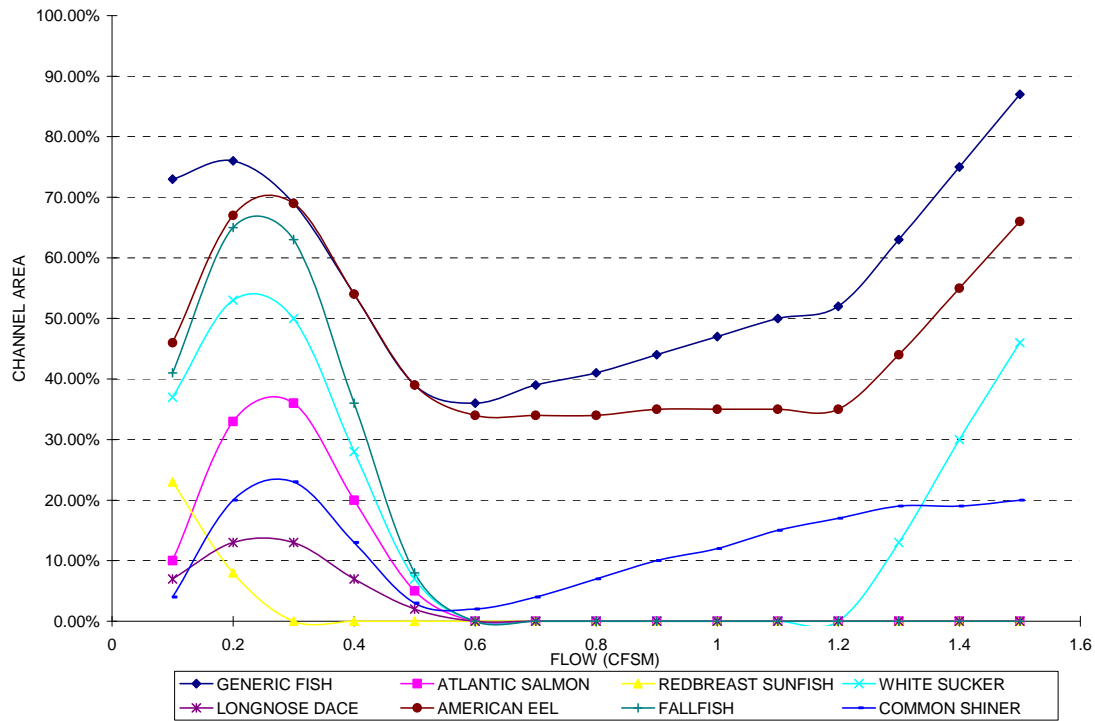


Figure 61: Suitability rating curves in Reach 4 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 5

Project: Lamprey River AIC

Curve: Suitability

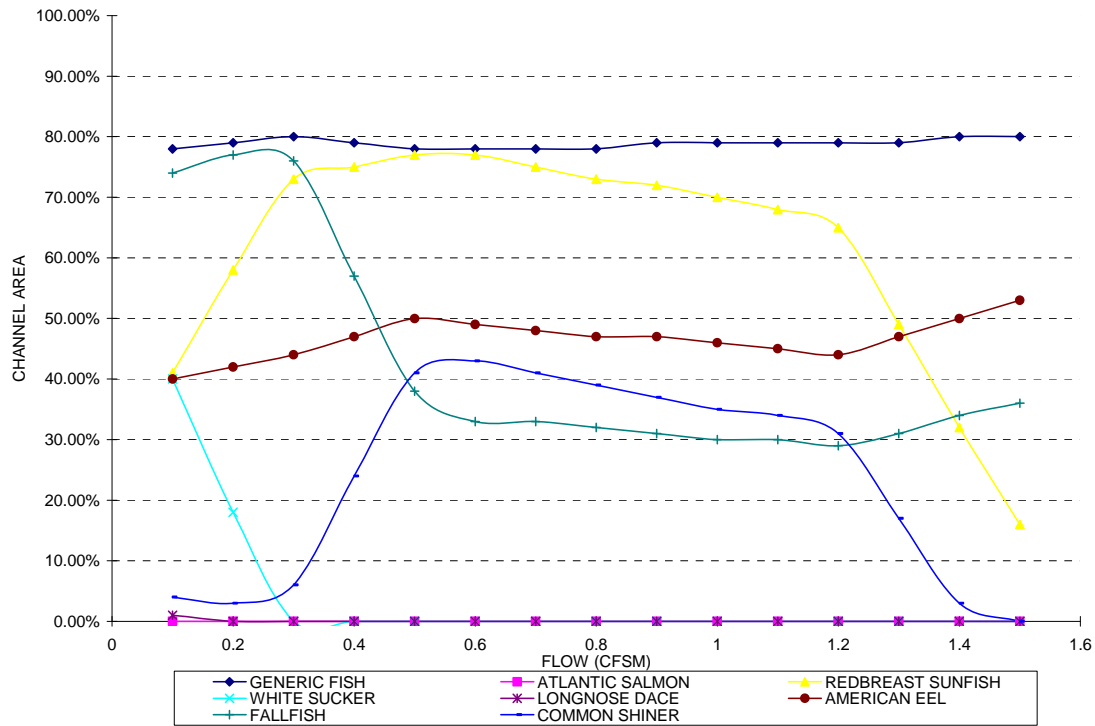


Figure 62: Suitability rating curves in Reach 5 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 6

Project: Lamprey River AIC

Curve: Suitability

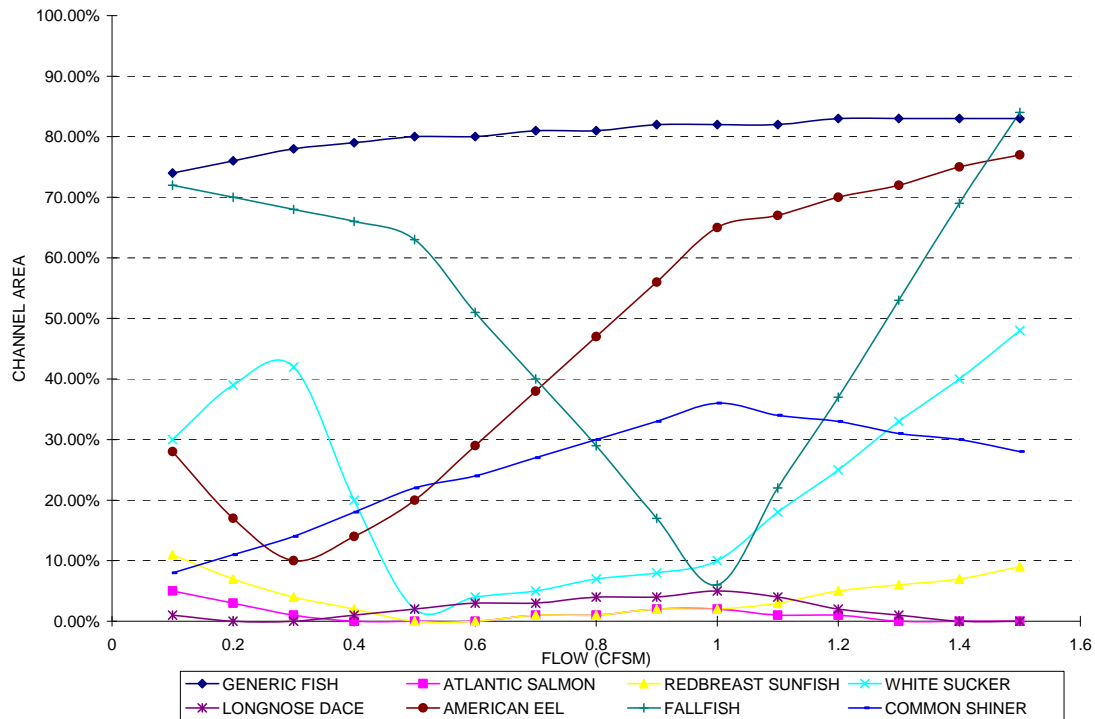


Figure 63: Suitability rating curves in Reach 6 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 7

Project: Lamprey River AIC

Curve: Suitability

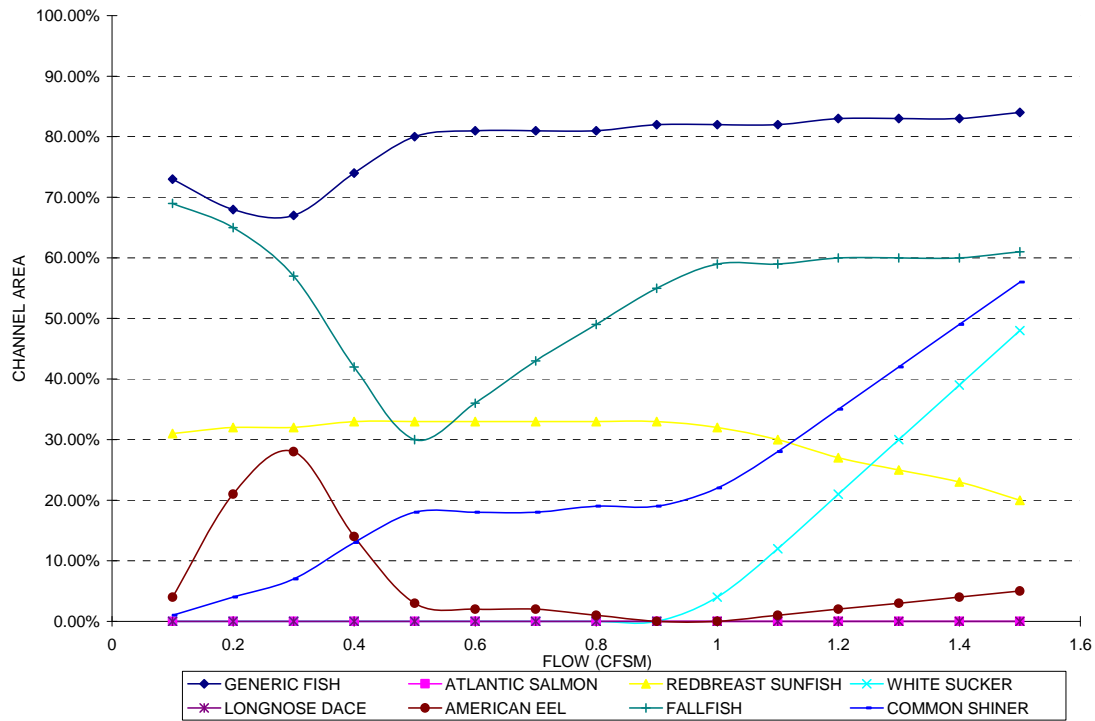


Figure 64: Suitability rating curves in Reach 7 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 8

Project: Lamprey River AIC

Curve: Suitability

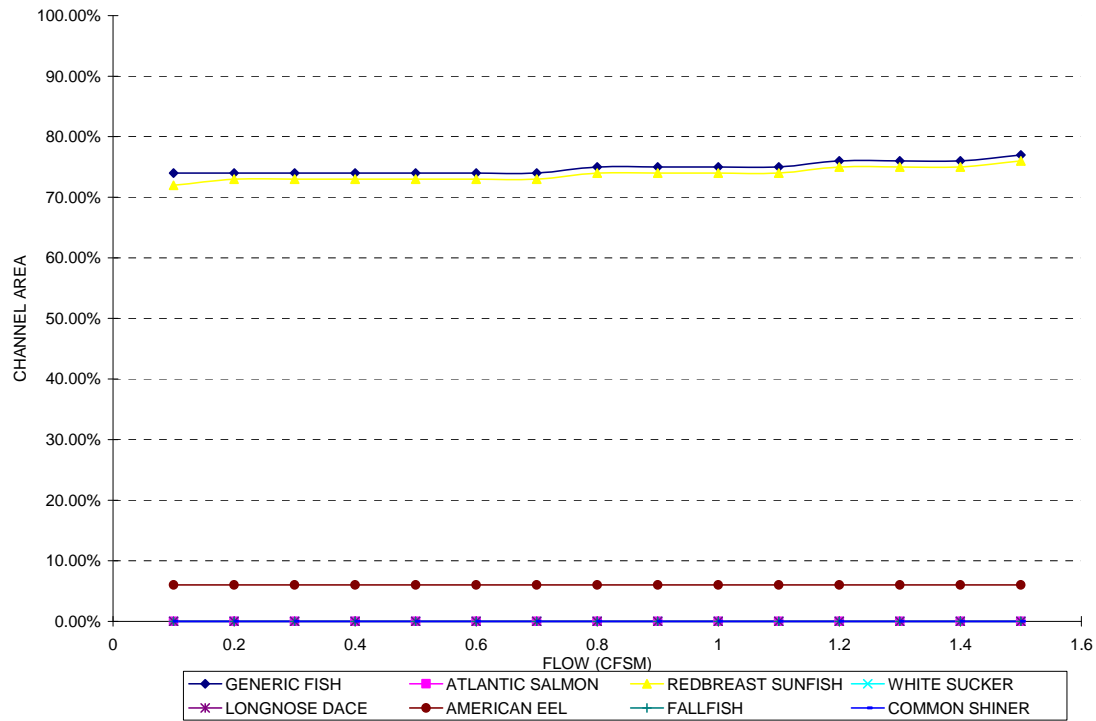


Figure 65: Suitability rating curves in Reach 8 during the Rearing and Growth bioperiod.

8.
Current Conditions
Rearing and Growth bioperiod Effective Habitat



Suitability Curve(s) for Site: 1

Project: Lamprey River AIC
Effective Habitat

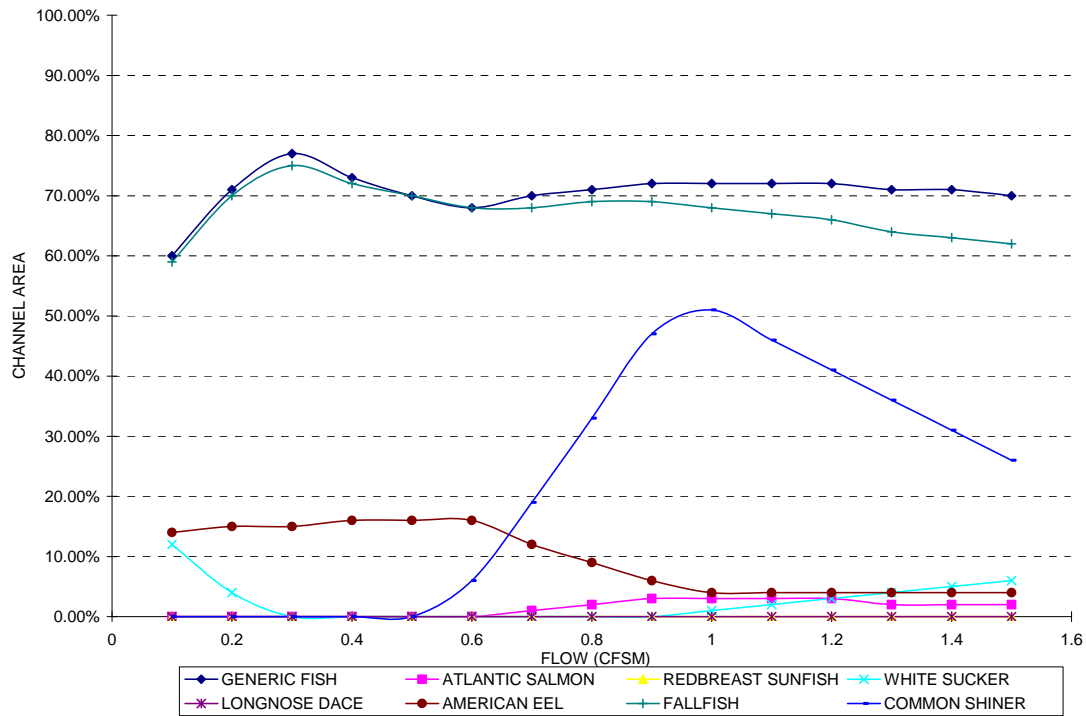


Figure 66: Effective Habitat rating curves in Reach 1 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 2a

Project: Lamprey River AIC
Effective Habitat

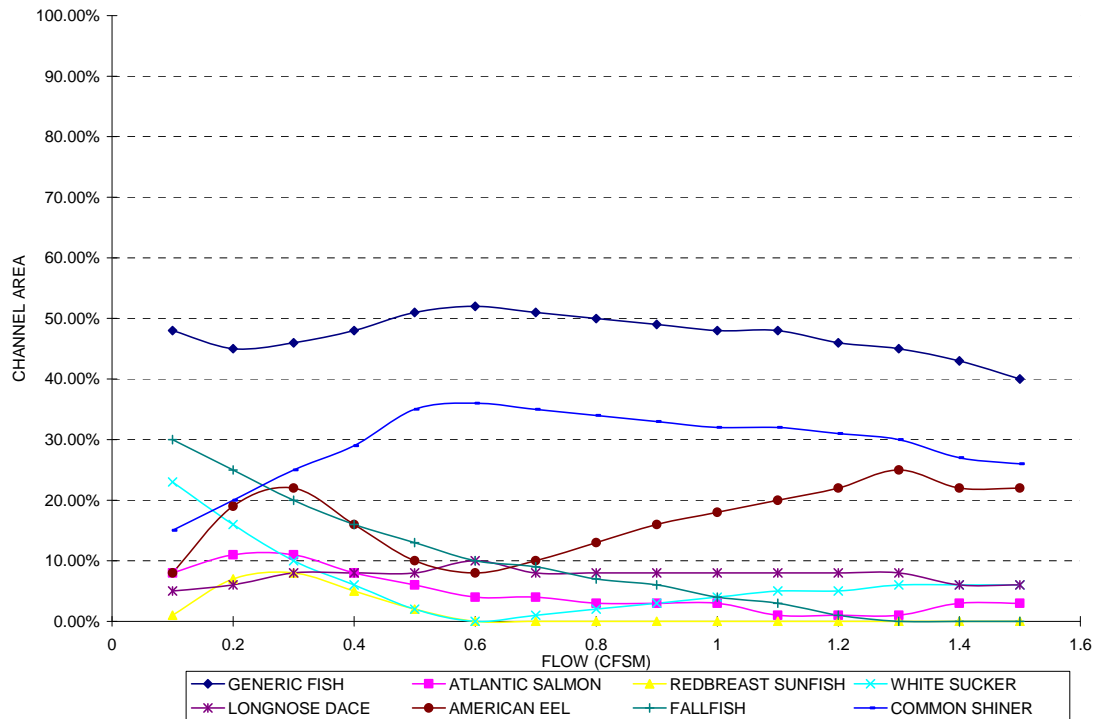


Figure 67: Effective Habitat rating curves in Reach 2a during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 2b

Project: Lamprey River AIC
Effective Habitat

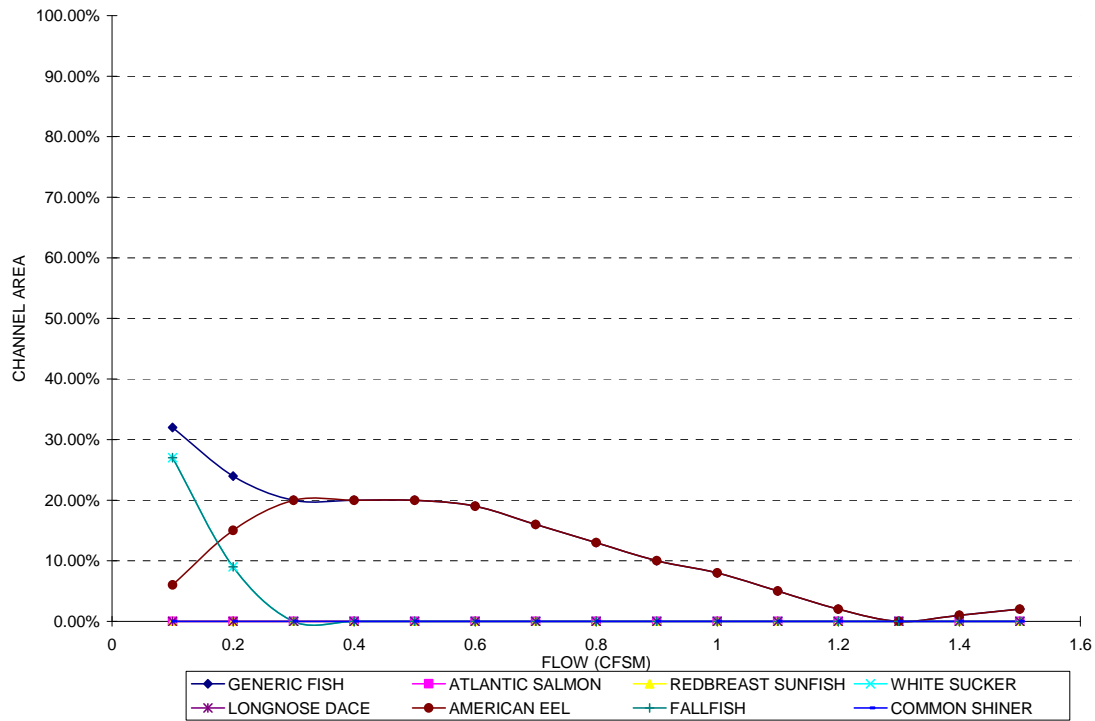


Figure 68: Effective Habitat rating curves in Reach 2b during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 3

Project: Lamprey River AIC
Effective Habitat

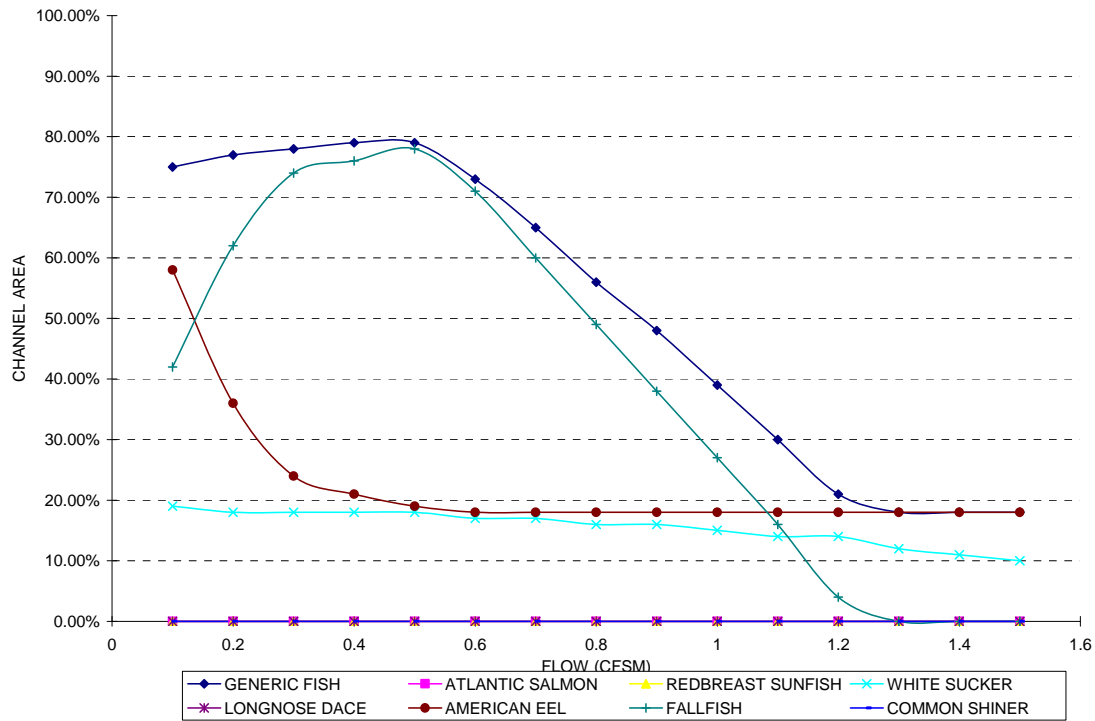


Figure 69: Effective Habitat rating curves in Reach 3 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 4

Project: Lamprey River AIC
Effective Habitat

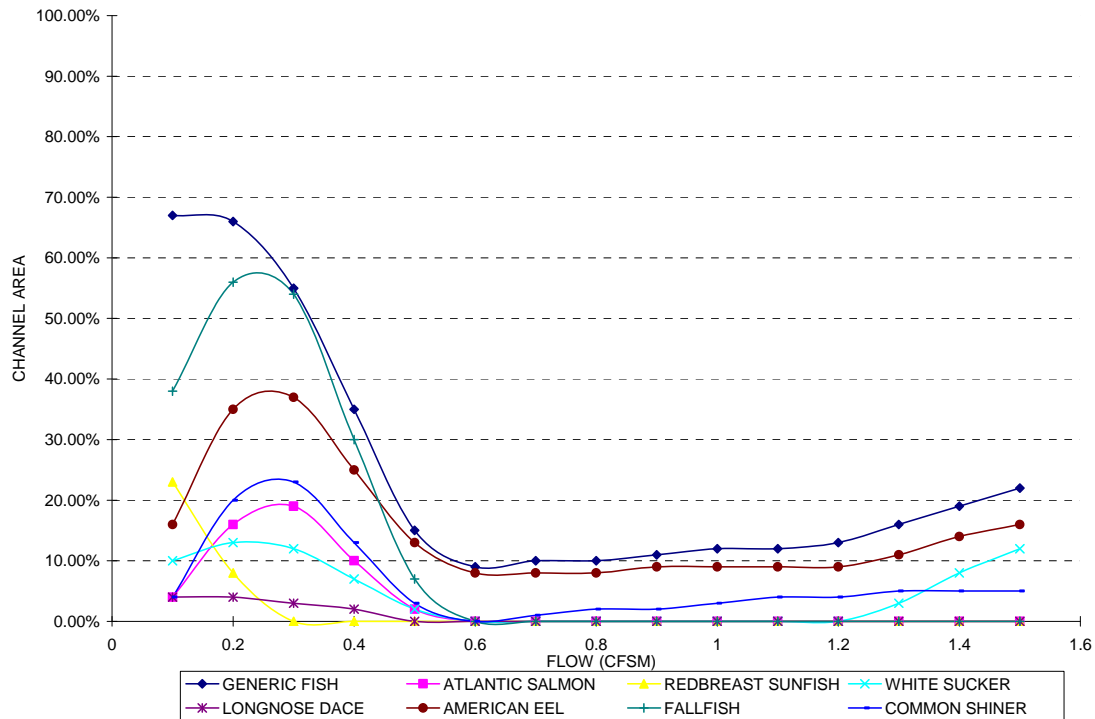


Figure 70: Effective Habitat rating curves in Reach 4 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 5

Project: Lamprey River AIC
Effective Habitat

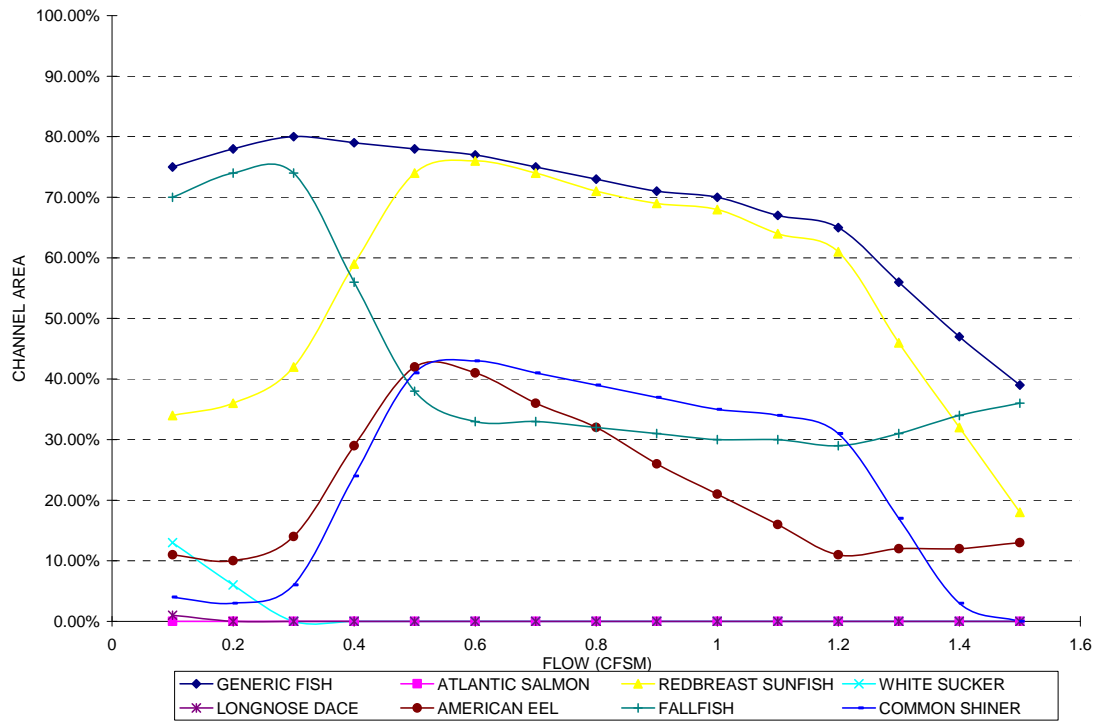


Figure 71: Effective Habitat rating curves in Reach 5 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 6

Project: Lamprey River AIC
Effective Habitat

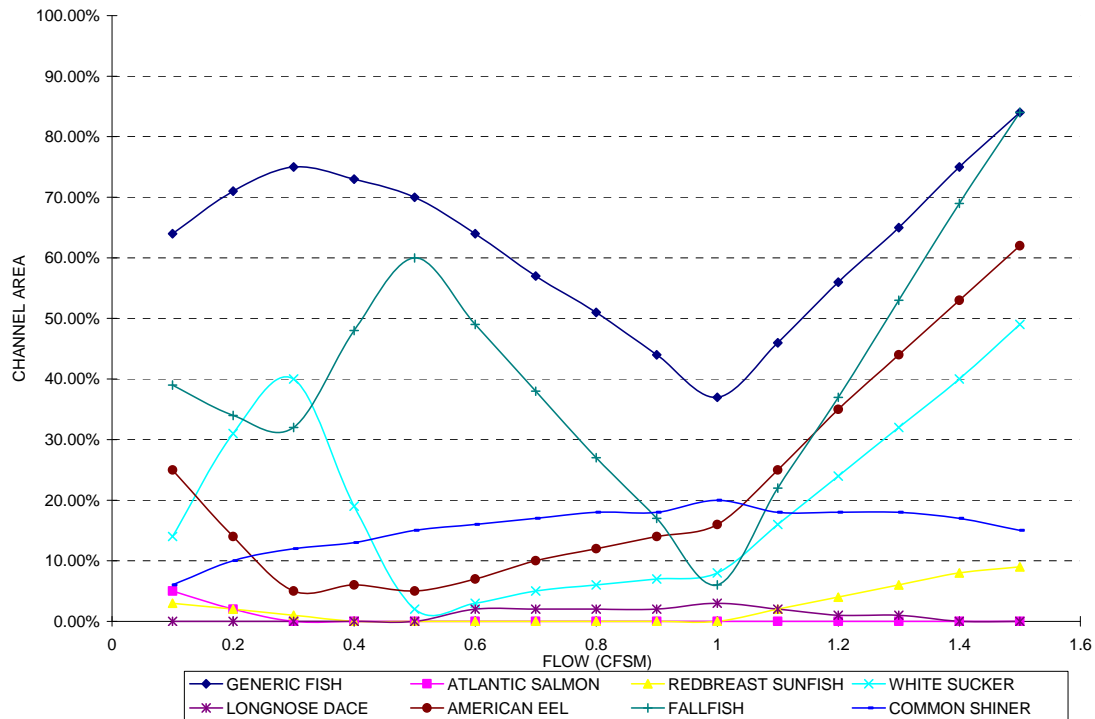


Figure 72: Effective Habitat rating curves in Reach 6 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 7

Project: Lamprey River AIC
Effective Habitat

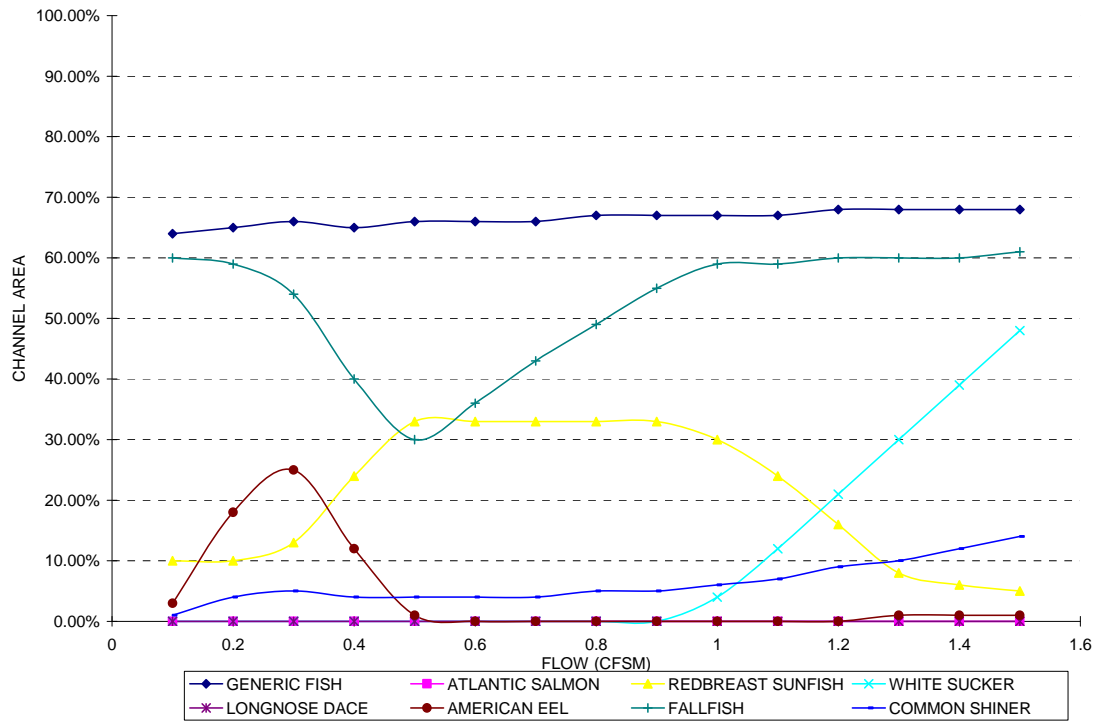


Figure 73: Effective Habitat rating curves in Reach 7 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 8

Project: Lamprey River AIC
Effective Habitat

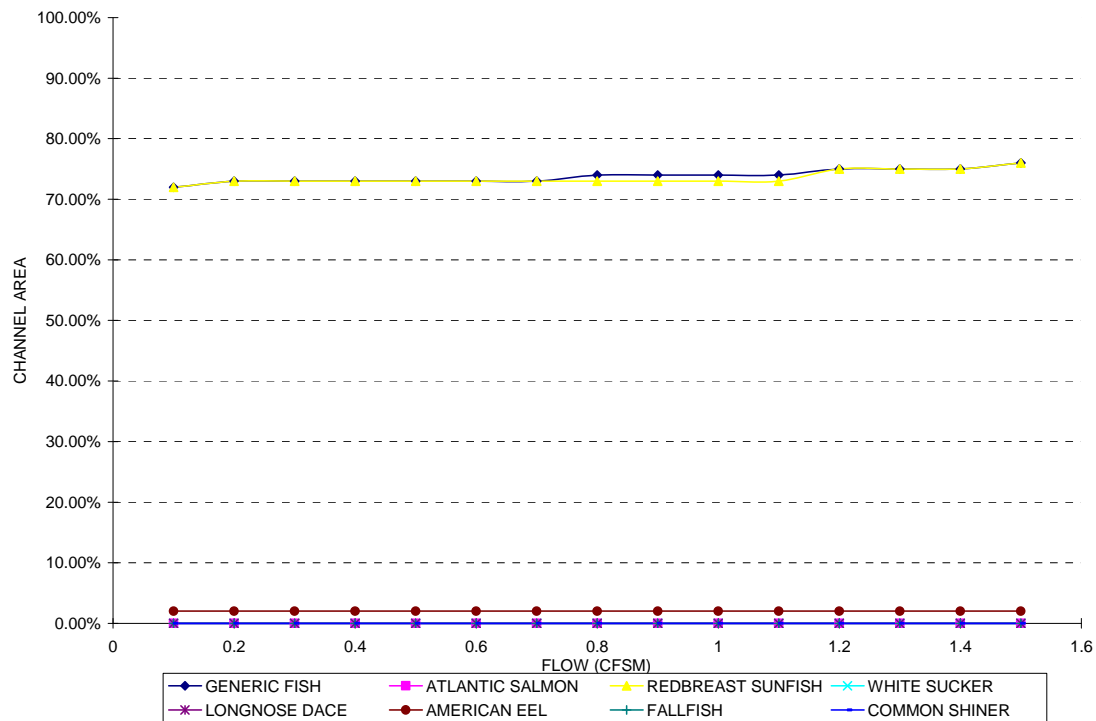


Figure 74: Effective Habitat rating curves in Reach 8 during the Rearing and Growth bioperiod.

9.
Current Conditions
Rearing and Growth bioperiod Optimal



Suitability Curve(s) for Site: 1

Project: Lamprey River AIC
Curve: Optimal

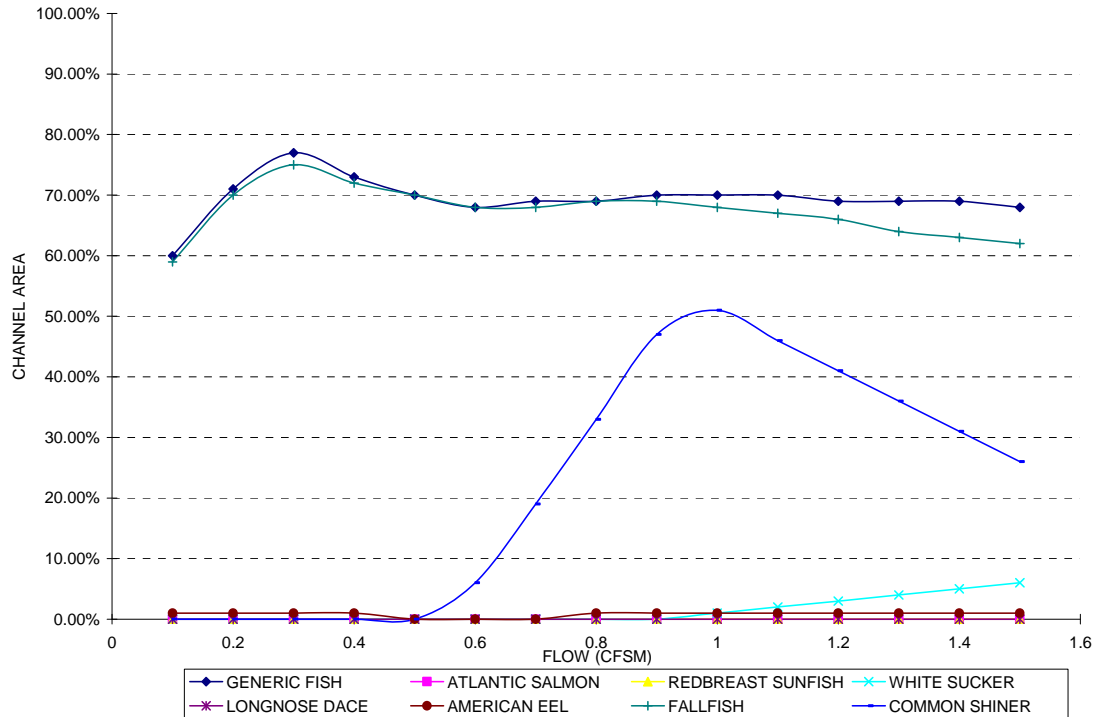


Figure 75: Effective Habitat rating curves in Reach 1 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 2a

Project: Lamprey River AIC

Curve: Optimal

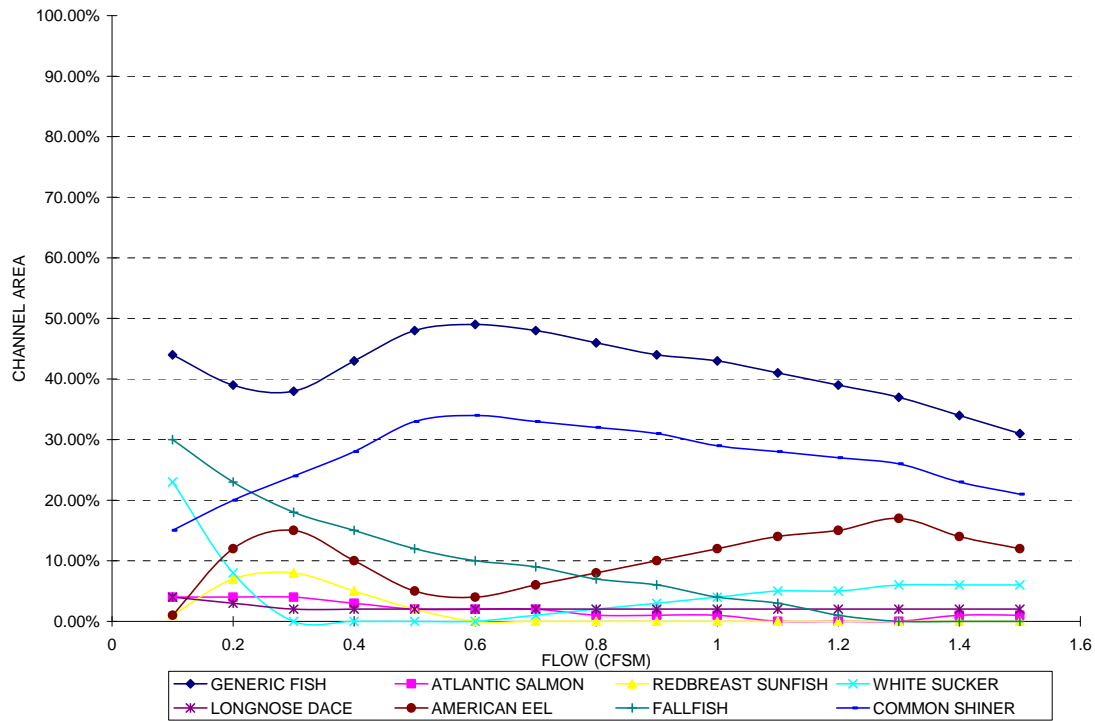


Figure 76: Effective Habitat rating curves in Reach 2a during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 2b

Project: Lamprey River AIC

Curve: Optimal

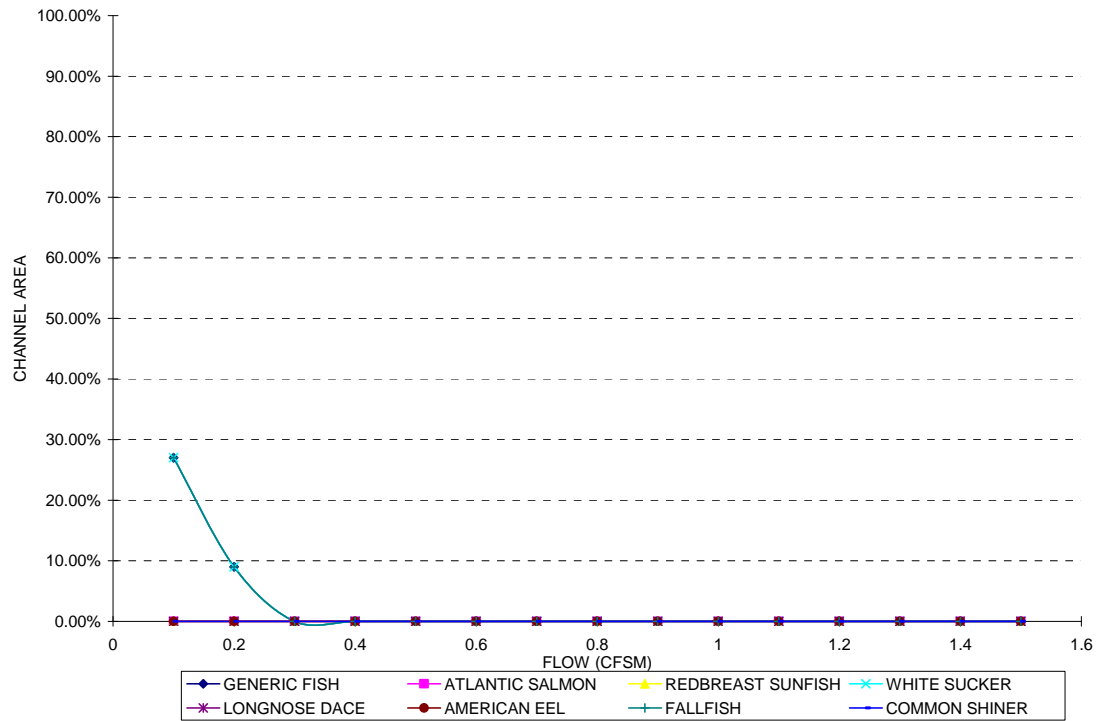


Figure 77: Effective Habitat rating curves in Reach 2b during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 3

Project: Lamprey River AIC

Curve: Optimal

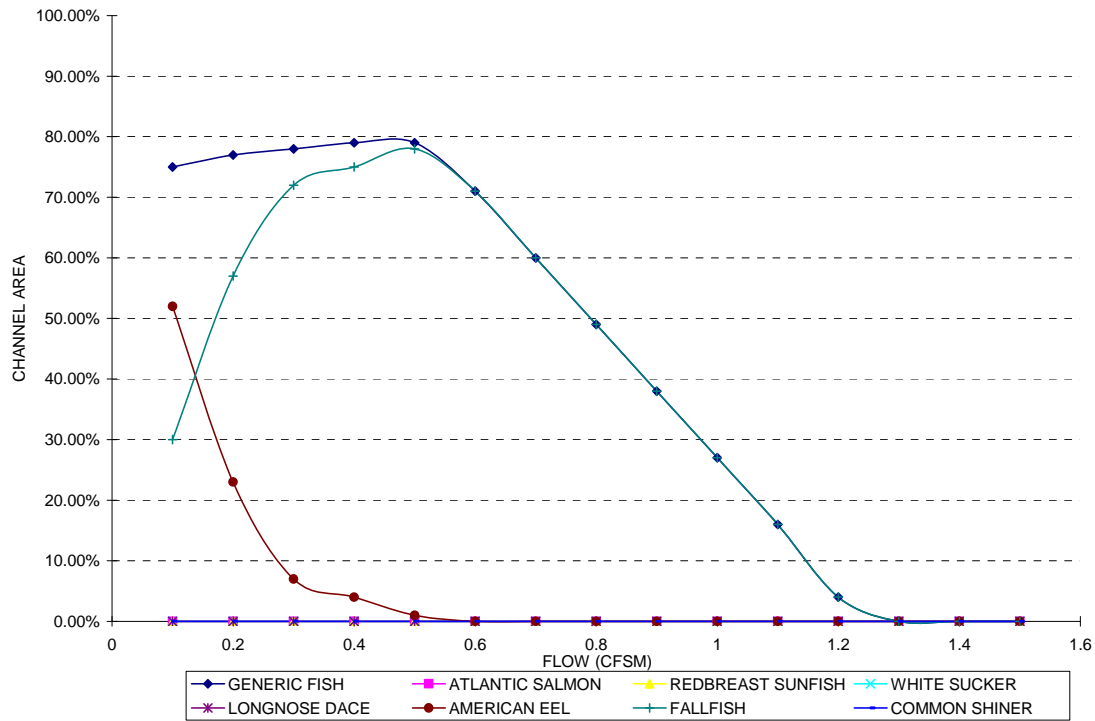


Figure 78: Effective Habitat rating curves in Reach 3 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 4

Project: Lamprey River AIC

Curve: Optimal

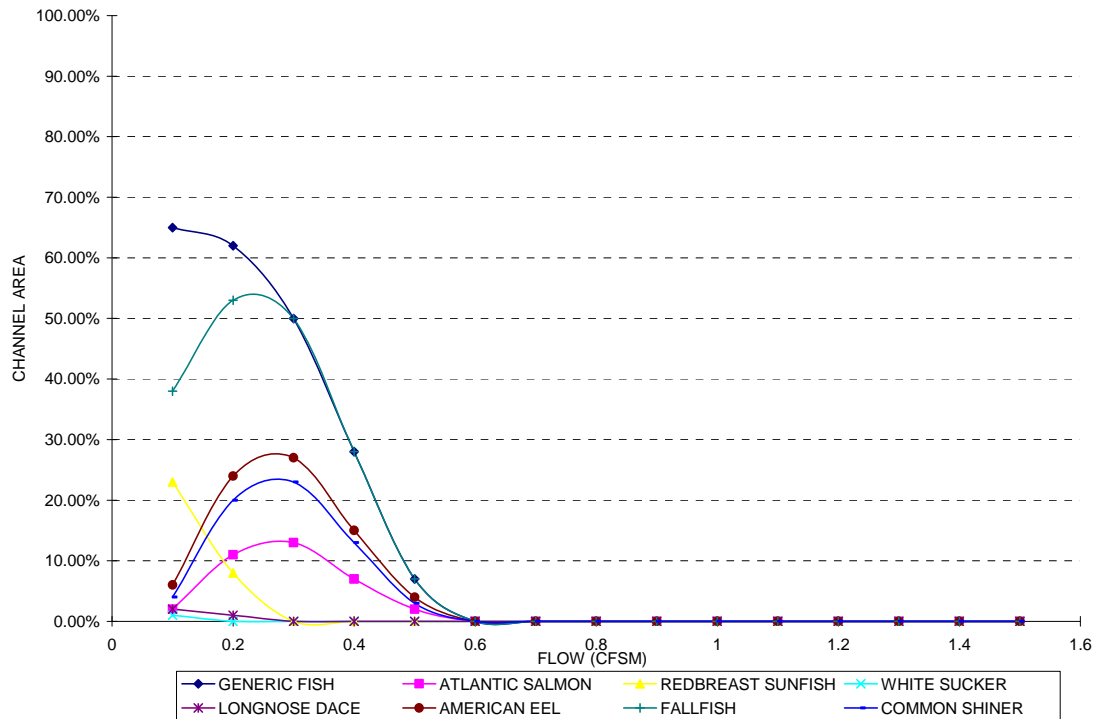


Figure 79: Effective Habitat rating curves in Reach 4 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 5

Project: Lamprey River AIC

Curve: Optimal

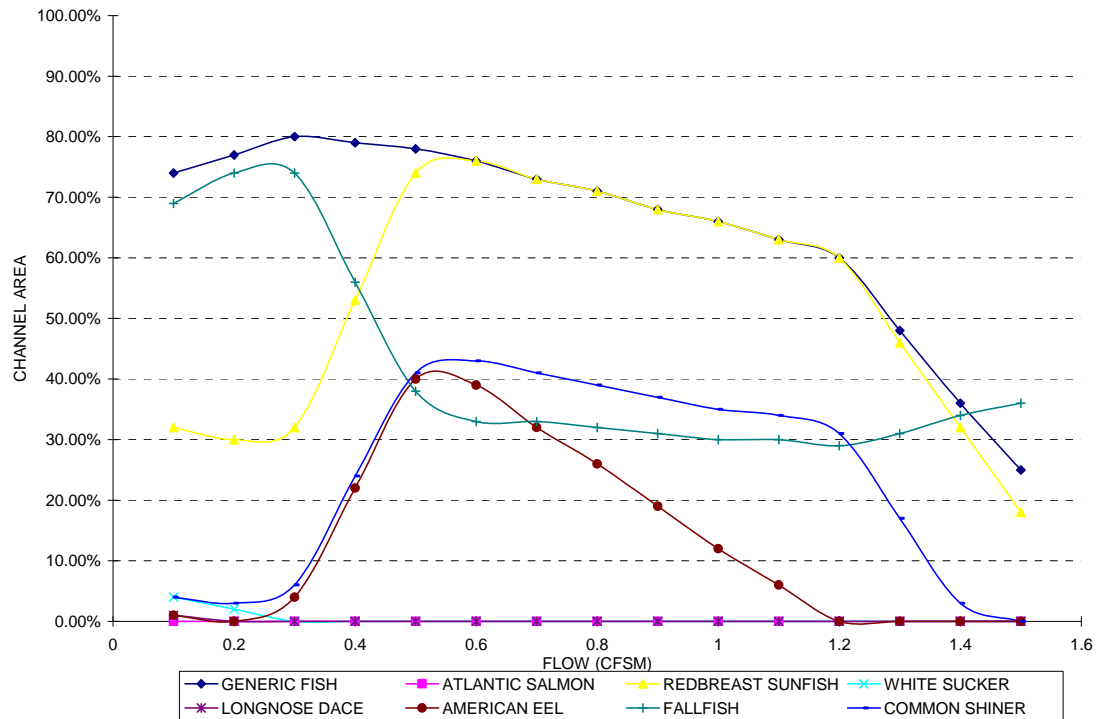


Figure 80: Effective Habitat rating curves in Reach 5 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 6

Project: Lamprey River AIC

Curve: Optimal

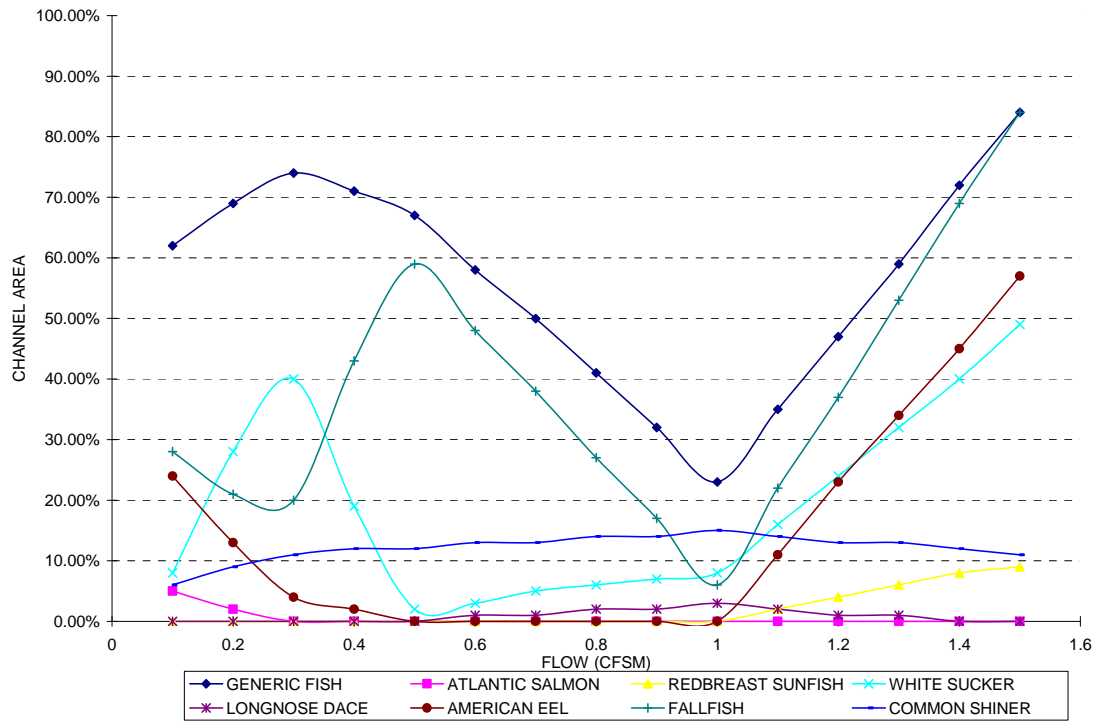


Figure 81: Effective Habitat rating curves in Reach 6 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 7

Project: Lamprey River AIC

Curve: Optimal

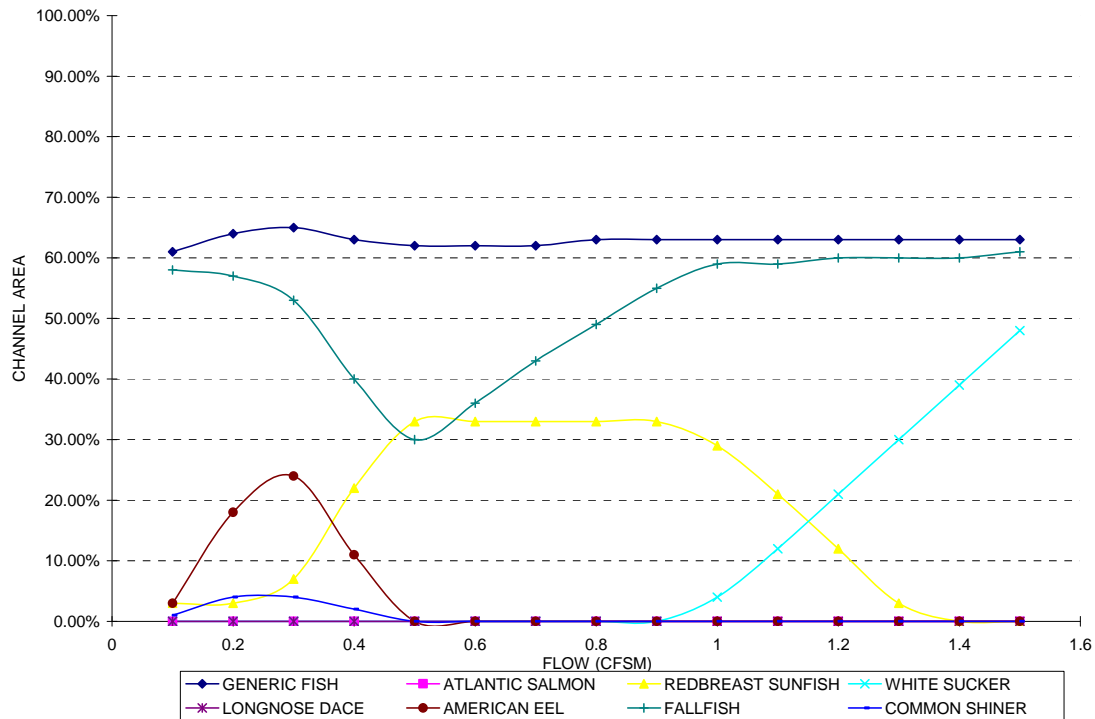


Figure 82: Effective Habitat rating curves in Reach 7 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 8

Project: Lamprey River AIC

Curve: Optimal

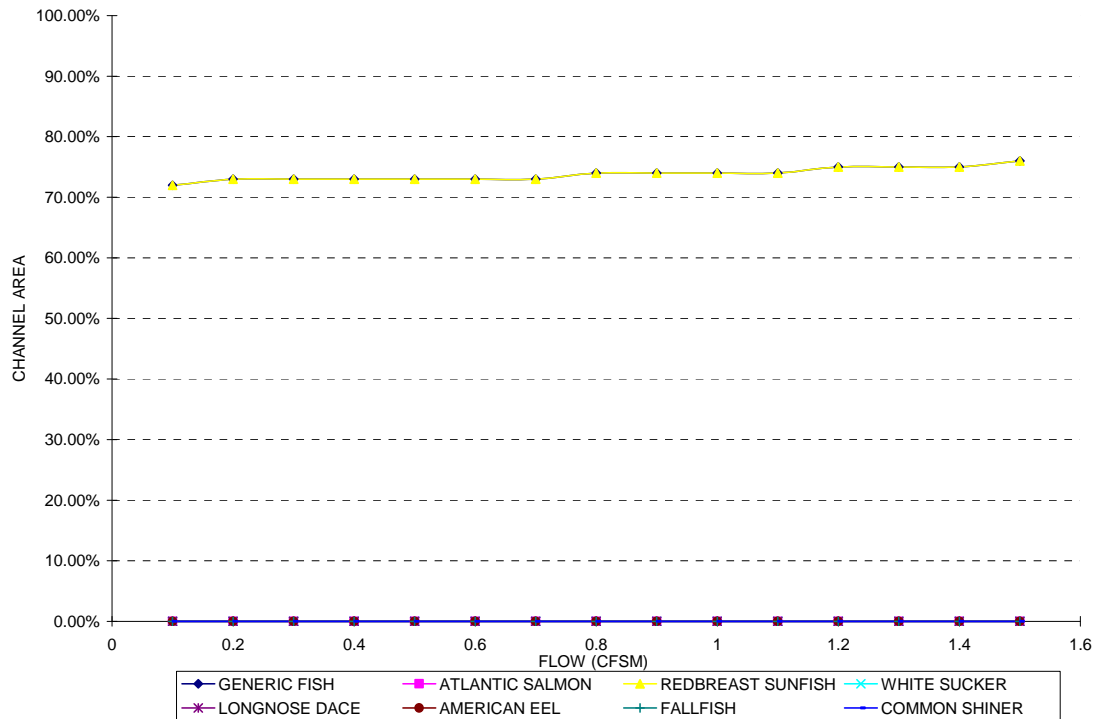


Figure 83: Effective Habitat rating curves in Reach 8 during the Rearing and Growth bioperiod.

10.

Current Conditions

Rearing and Growth bioperiod Macroinvertebrates Suitability



Suitability Curve(s) for Site: 1

Project: Lamprey River Bugs AIC

Curve: Suitability

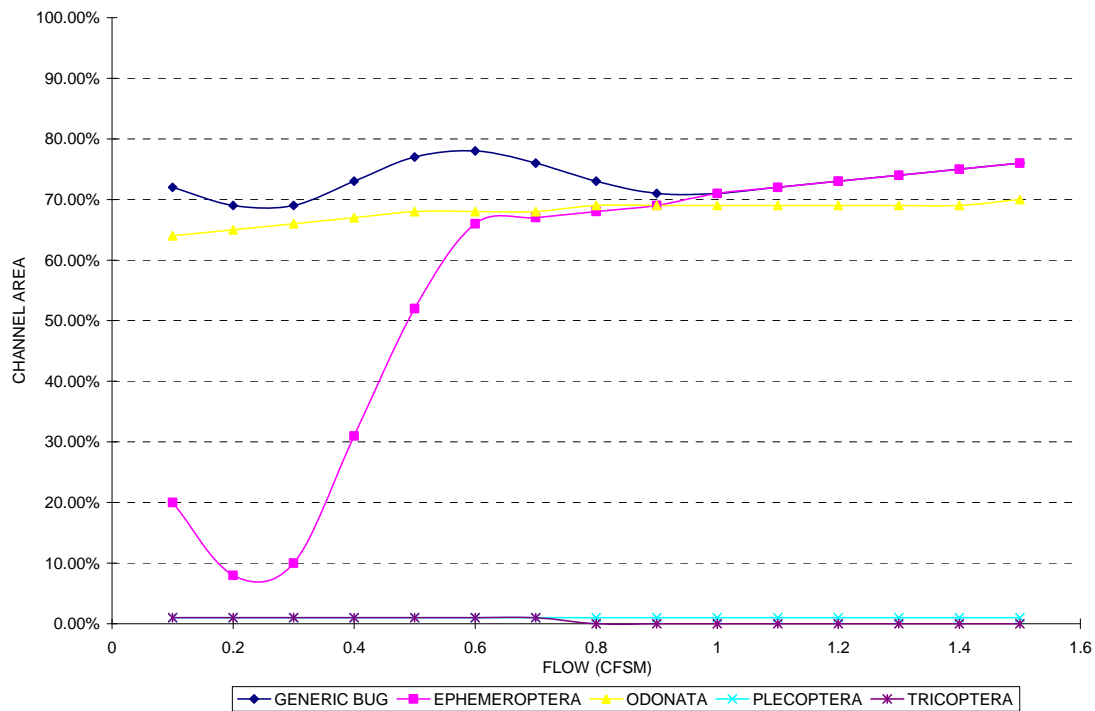


Figure 84: Suitability rating curves in Reach 1 during the Macroinvertebrates' Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 2a

Project: Lamprey River Bugs AIC

Curve: Suitability

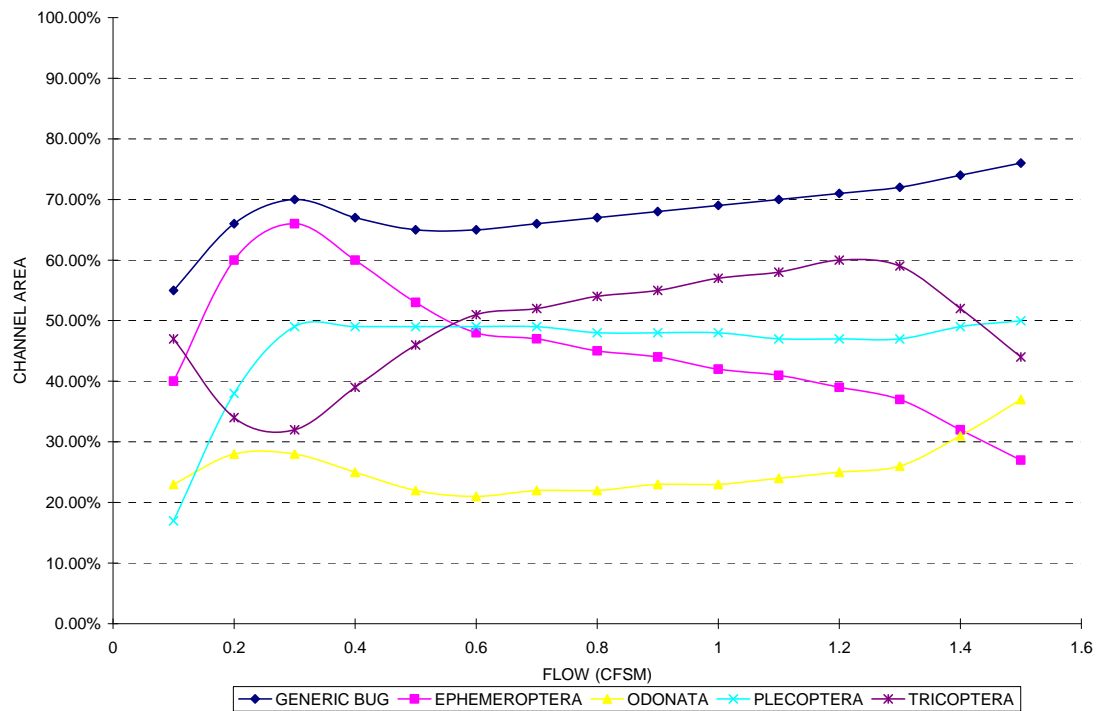


Figure 85: Suitability rating curves in Reach 2a during the Macroinvertebrates' Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 2b

Project: Lamprey River Bugs AIC

Curve: Suitability

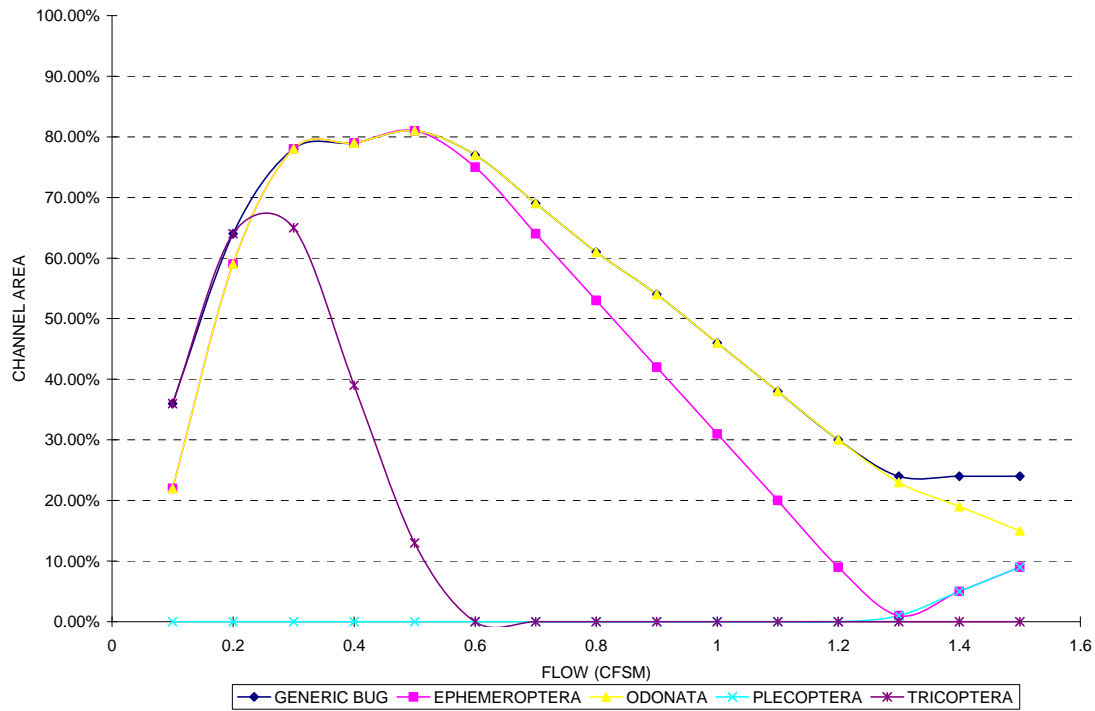


Figure 86: Suitability rating curves in Reach 2b during the Macroinvertebrates' Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 3

Project: Lamprey River Bugs AIC

Curve: Suitability

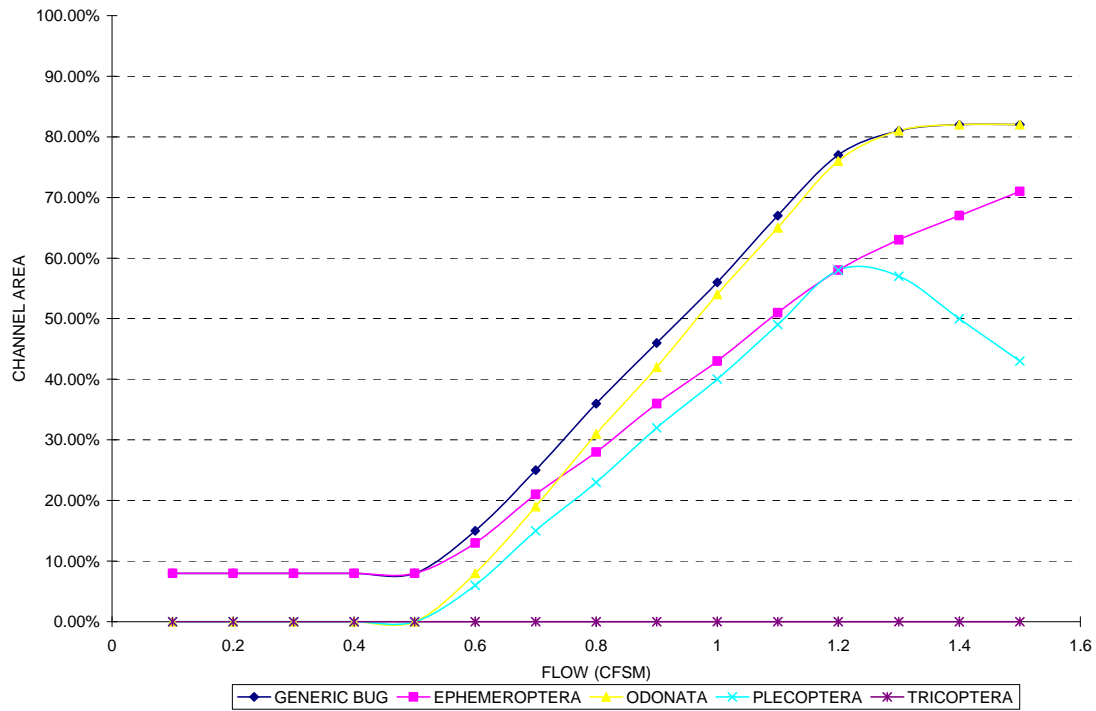


Figure 87: Suitability rating curves in Reach 3 during the Macroinvertebrates' Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 4

Project: Lamprey River Bugs AIC

Curve: Suitability

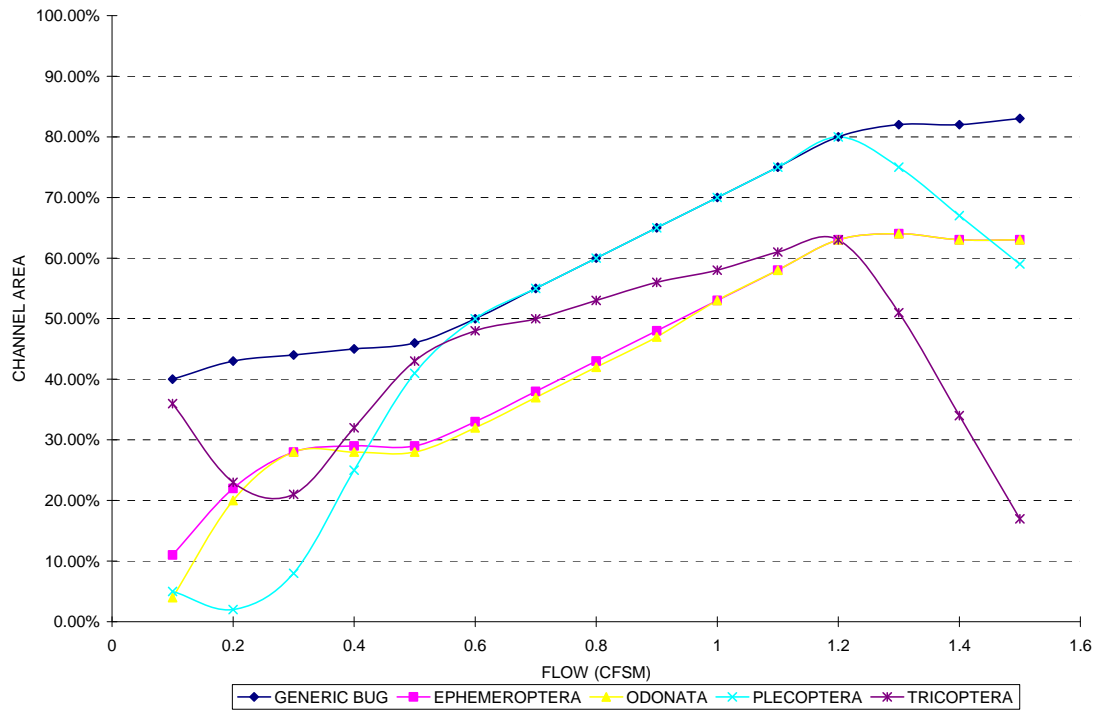


Figure 88: Suitability rating curves in Reach 4 during the Macroinvertebrates' Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 5

Project: Lamprey River Bugs AIC

Curve: Suitability

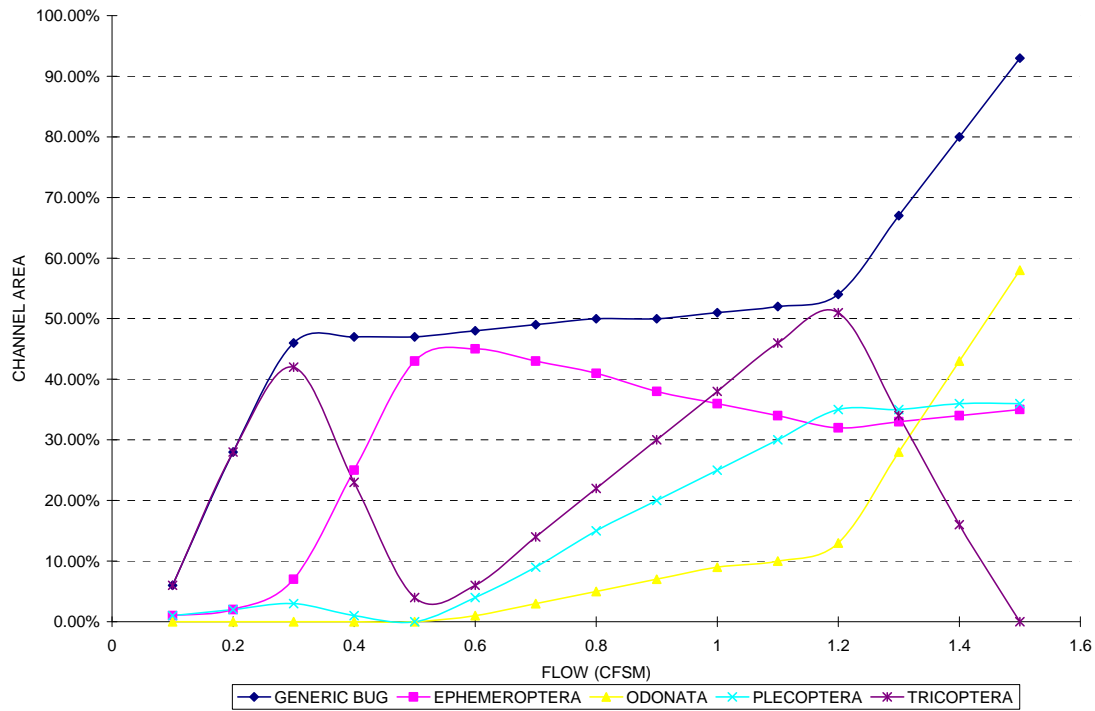


Figure 89: Suitability rating curves in Reach 5 during the Macroinvertebrates' Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 6

Project: Lamprey River Bugs AIC

Curve: Suitability

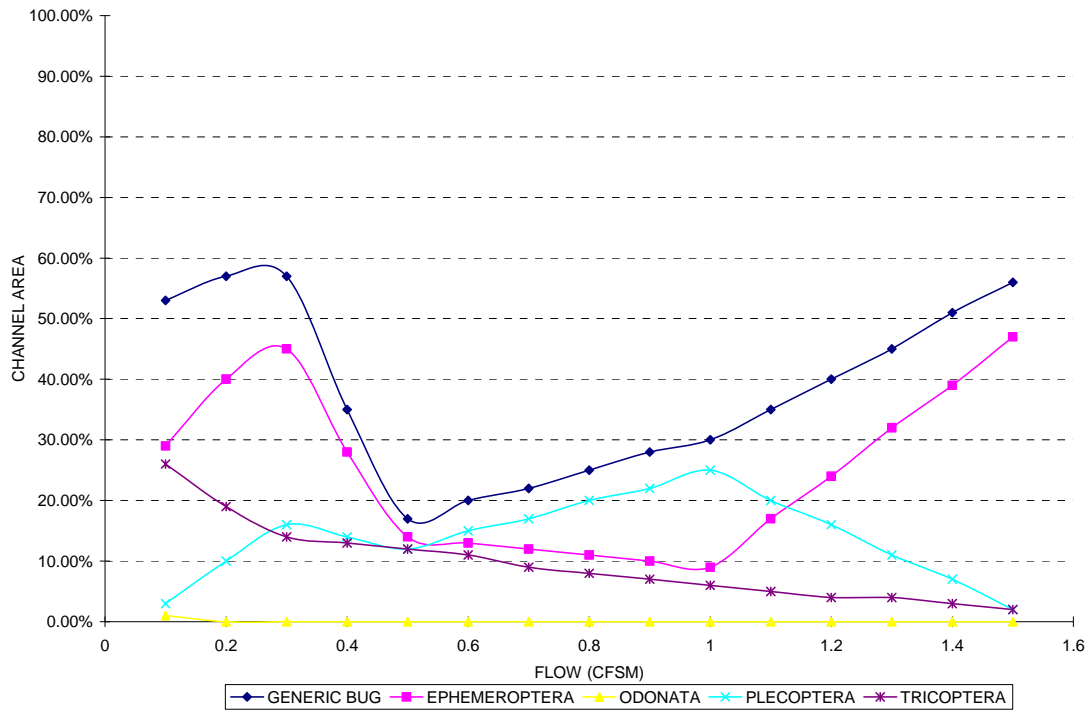


Figure 90: Suitability rating curves in Reach 6 during the Macroinvertebrates' Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 7

Project: Lamprey River Bugs AIC

Curve: Suitability

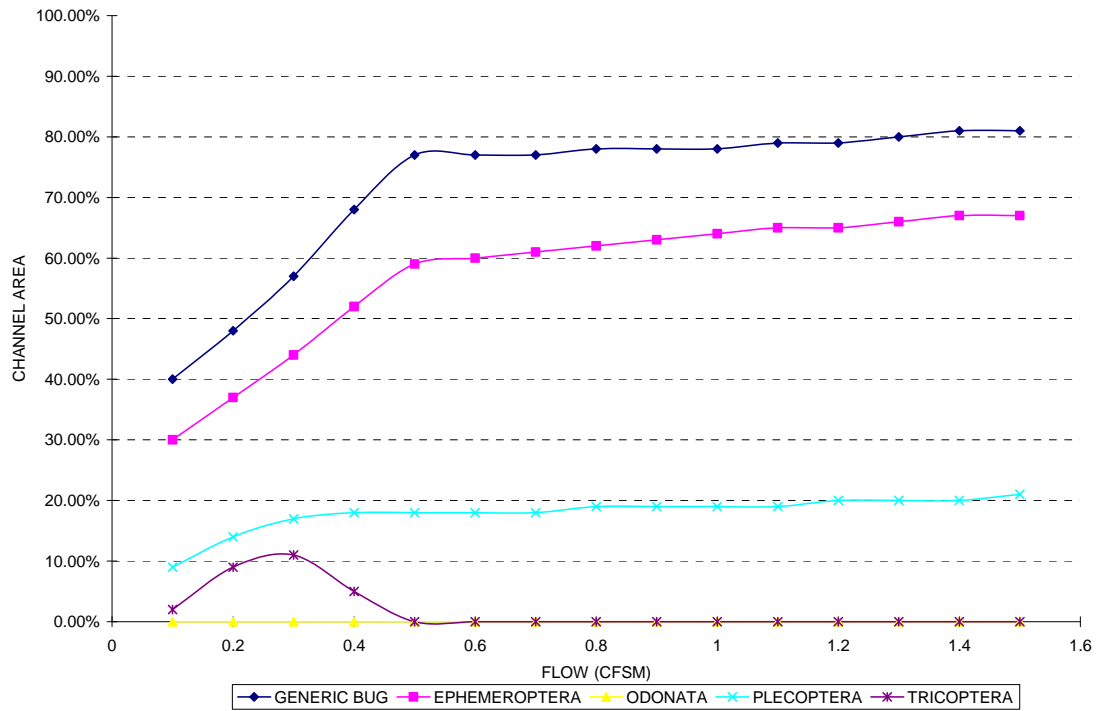


Figure 91: Suitability rating curves in Reach 7 during the Macroinvertebrates' Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 8

Project: Lamprey River Bugs AIC

Curve: Suitability

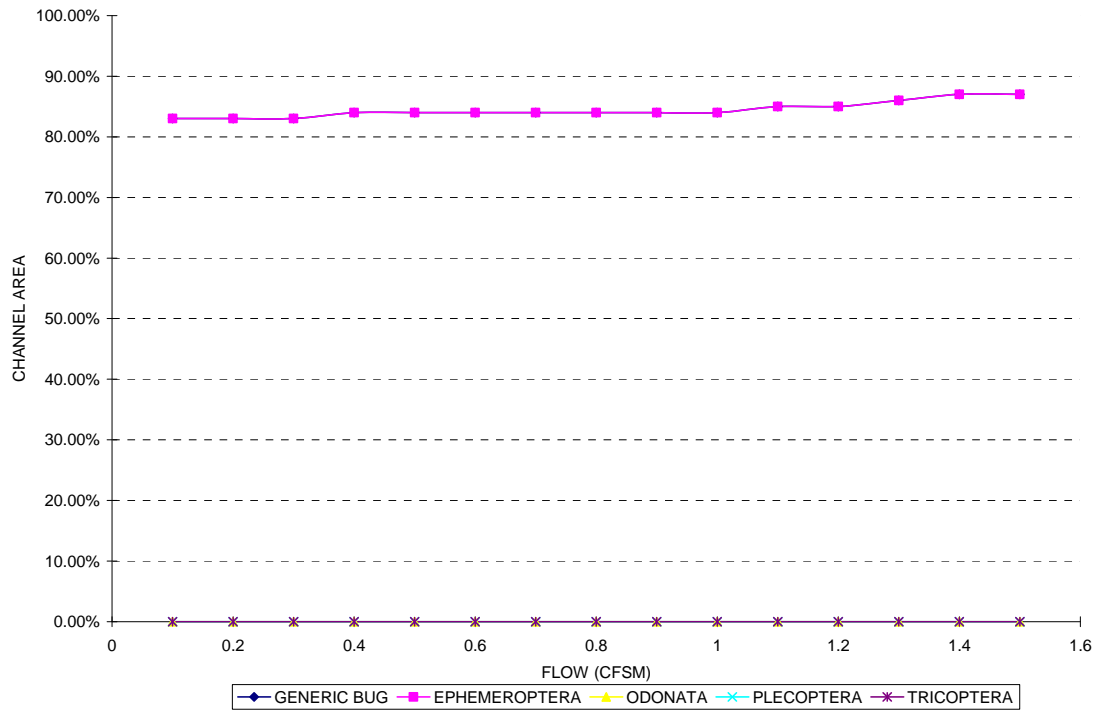


Figure 92: Suitability rating curves in Reach 8 during the Macroinvertebrates' Rearing and Growth bioperiod.

Round 2

1.

Lamprey River

Current Conditions

Resident Species Spawning Suitability



Suitability Curve(s) for Site: 1

Project: Lamprey River AIC
Curve: Suitability

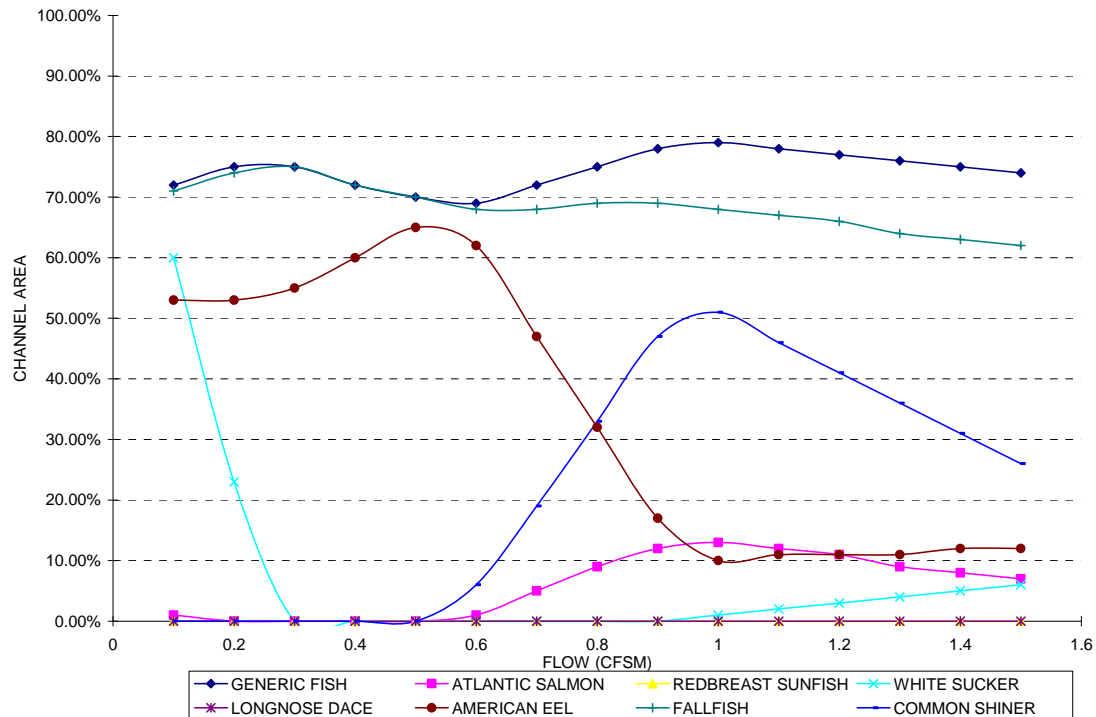


Figure 93: Suitability rating curves for fish in Reach 1 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 2

Project: Lamprey River AIC

Curve: Suitability

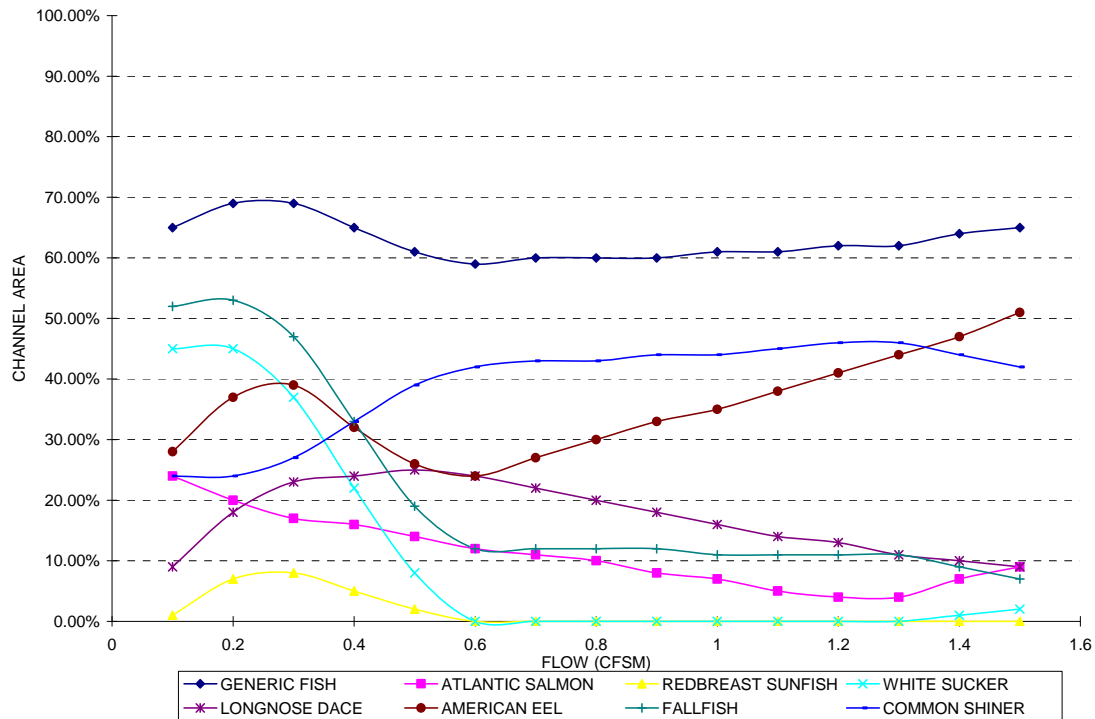


Figure 94: Suitability rating curves for fish in Reach 2 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 3

Project: Lamprey River AIC

Curve: Suitability

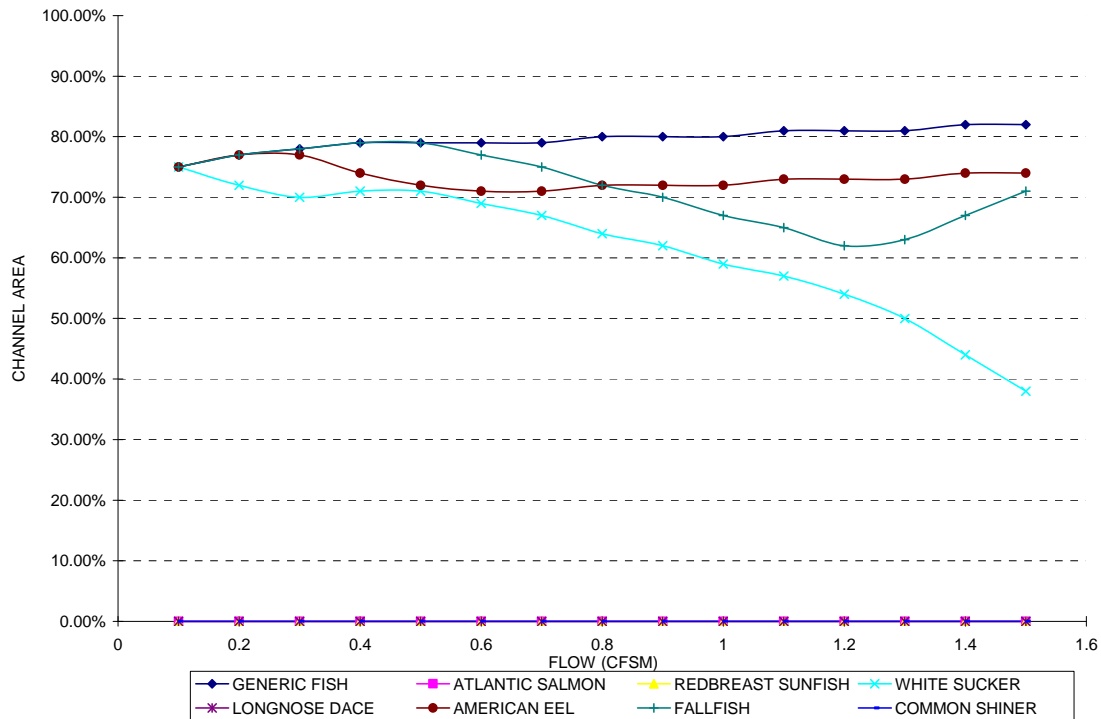


Figure 95: Suitability rating curves for fish in Reach 3 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 4

Project: Lamprey River AIC

Curve: Suitability

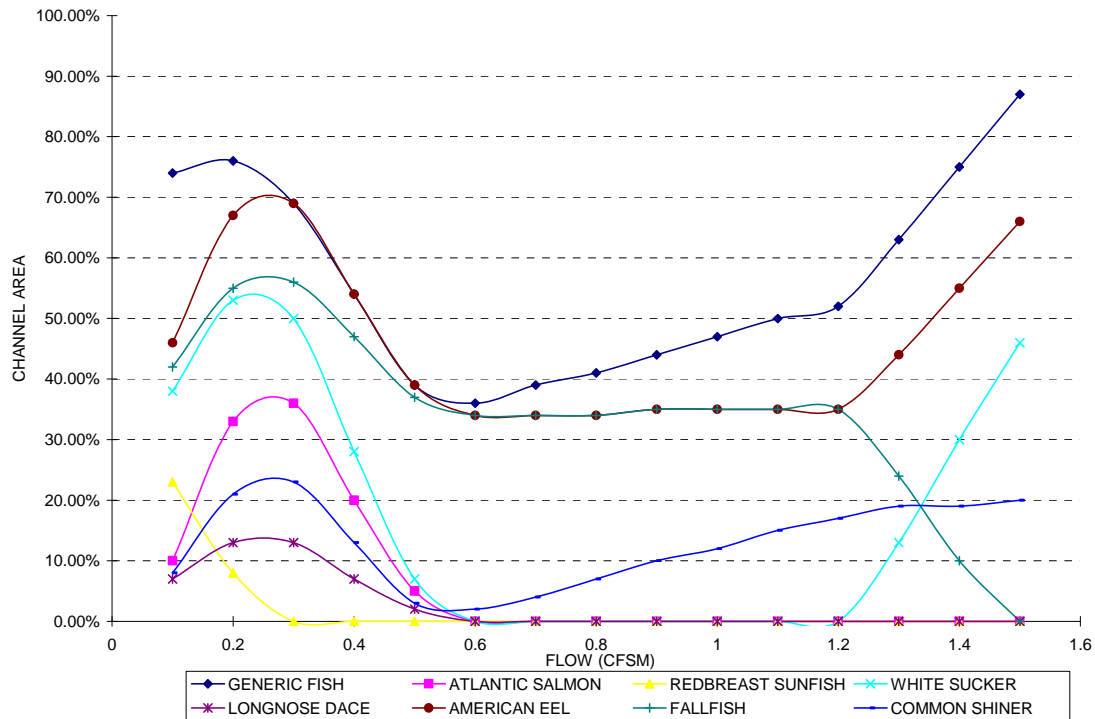


Figure 96: Suitability rating curves for fish in Reach 4 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 5

Project: Lamprey River AIC

Curve: Suitability

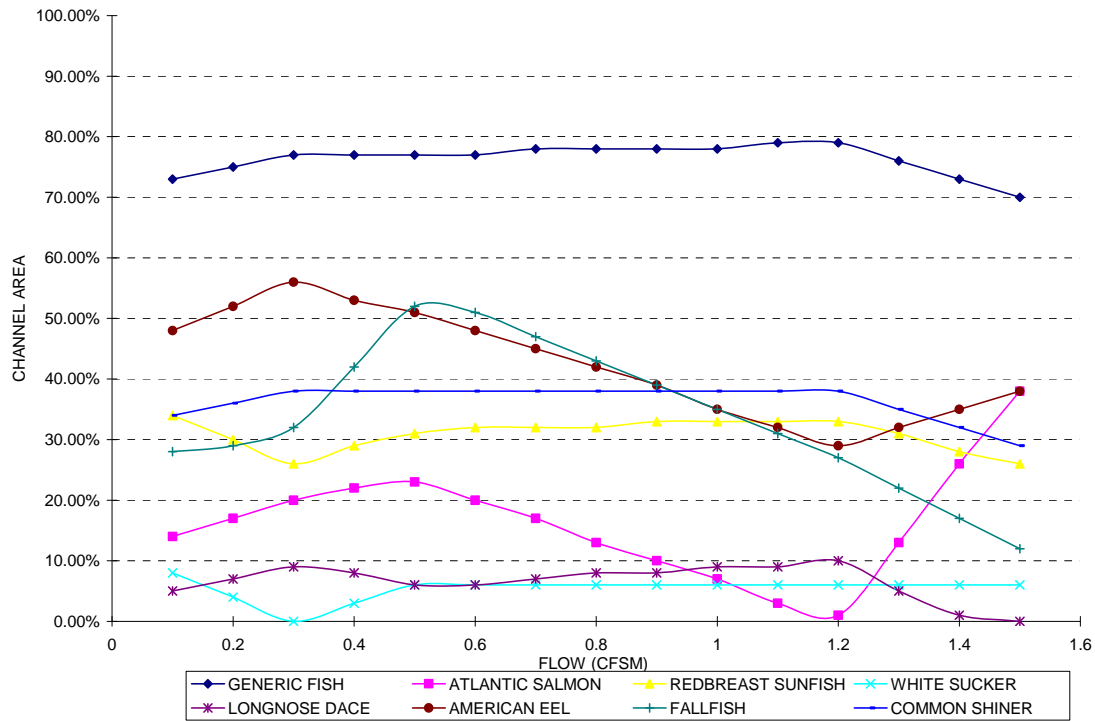


Figure 97: Suitability rating curves for fish in Reach 5 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 6

Project: Lamprey River AIC

Curve: Suitability

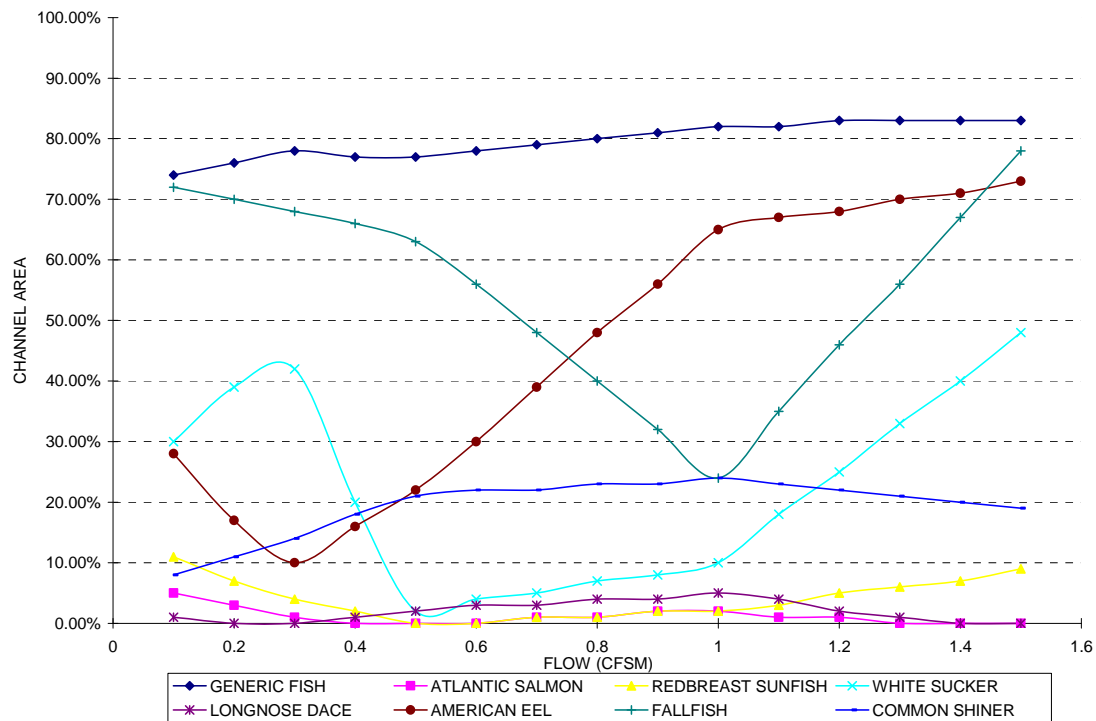


Figure 98: Suitability rating curves for fish in Reach 6 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 7

Project: Lamprey River AIC

Curve: Suitability

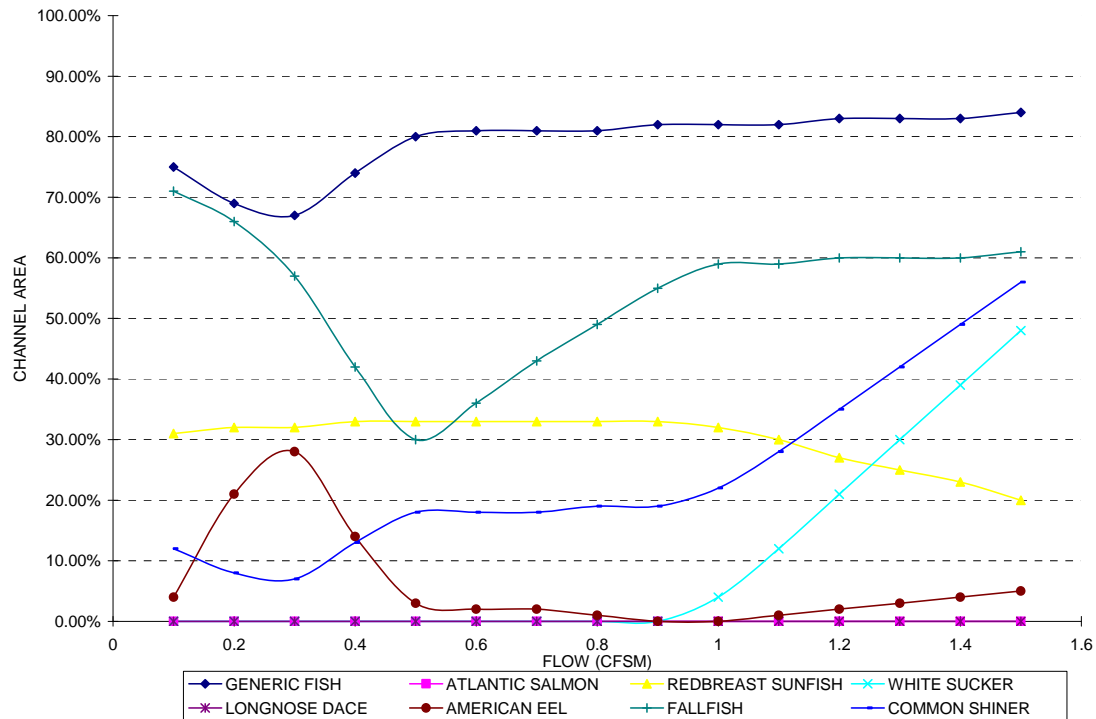


Figure 99: Suitability rating curves for fish in Reach 7 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 8

Project: Lamprey River AIC

Curve: Suitability

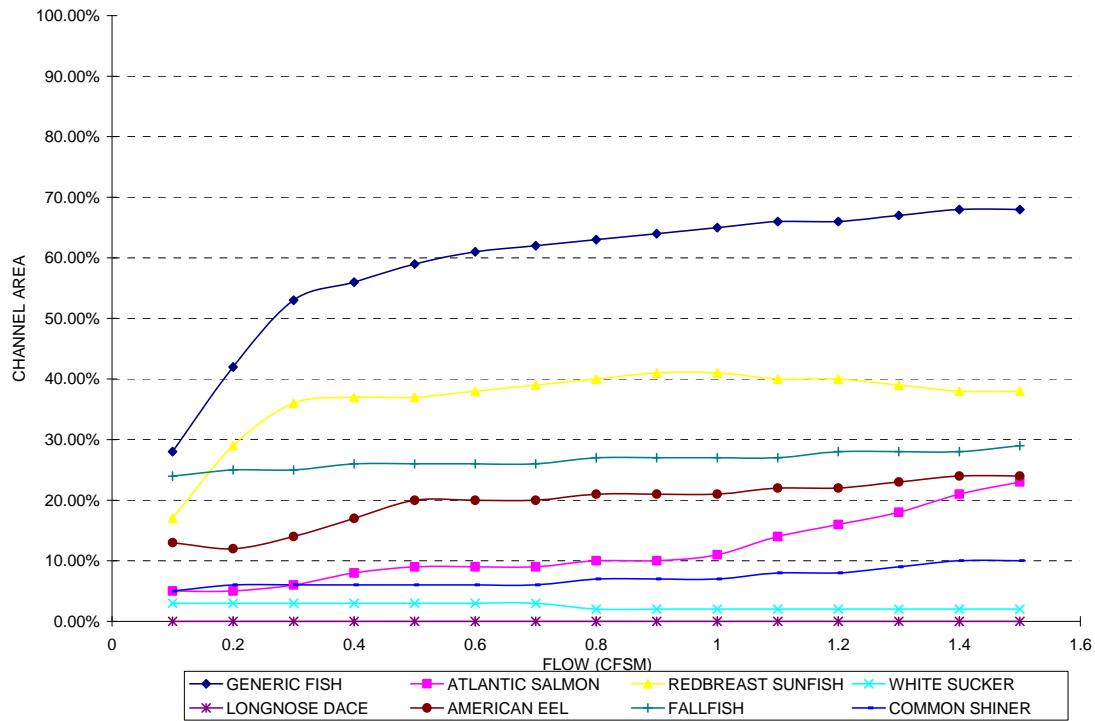


Figure 100: Suitability rating curves for fish in Reach 8 during the Resident Species Spawning bioperiod.

2.
Current Conditions
Rearing and Growth bioperiod Effective Habitat



Suitability Curve(s) for Site: 1

Project: Lamprey River AIC
Effective Habitat

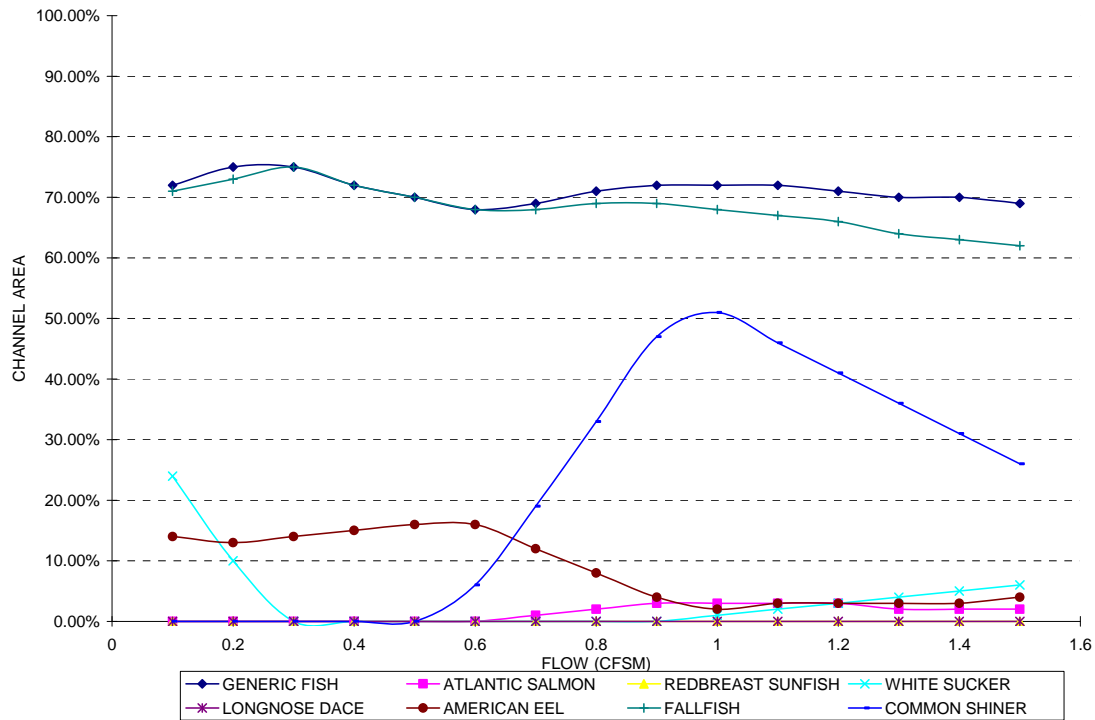


Figure 101: Effective Habitat rating curves for fish in Reach 1 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 2

Project: Lamprey River AIC
Effective Habitat

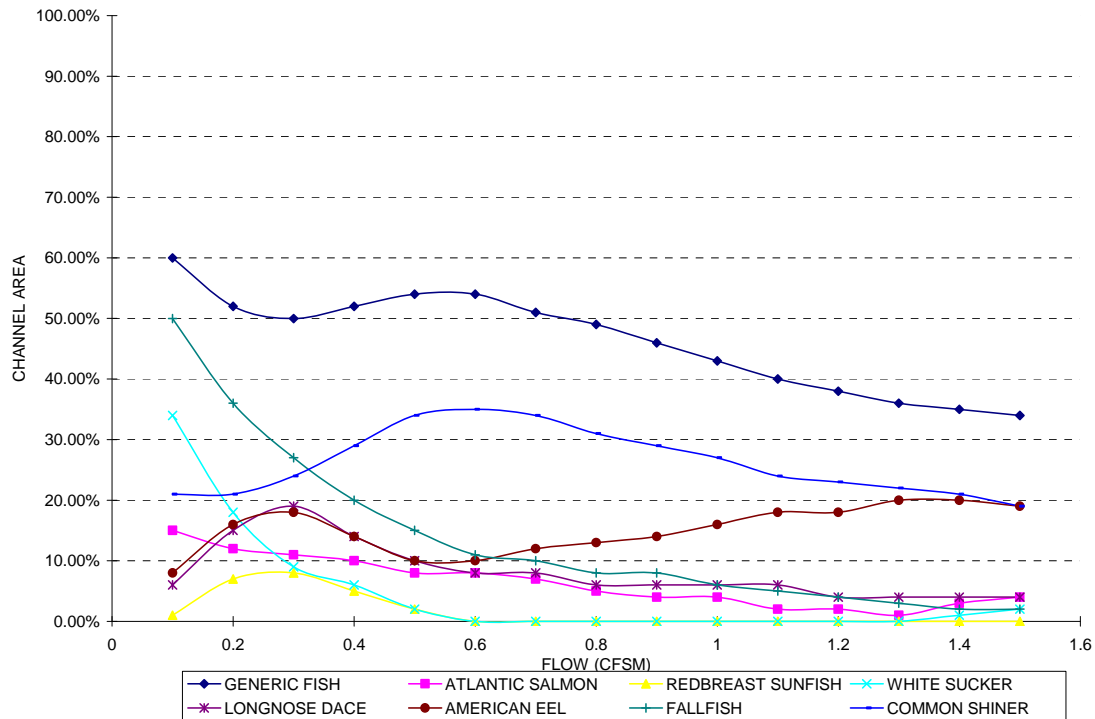


Figure 102: Effective Habitat rating curves for fish in Reach 2 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 3

Project: Lamprey River AIC
Effective Habitat

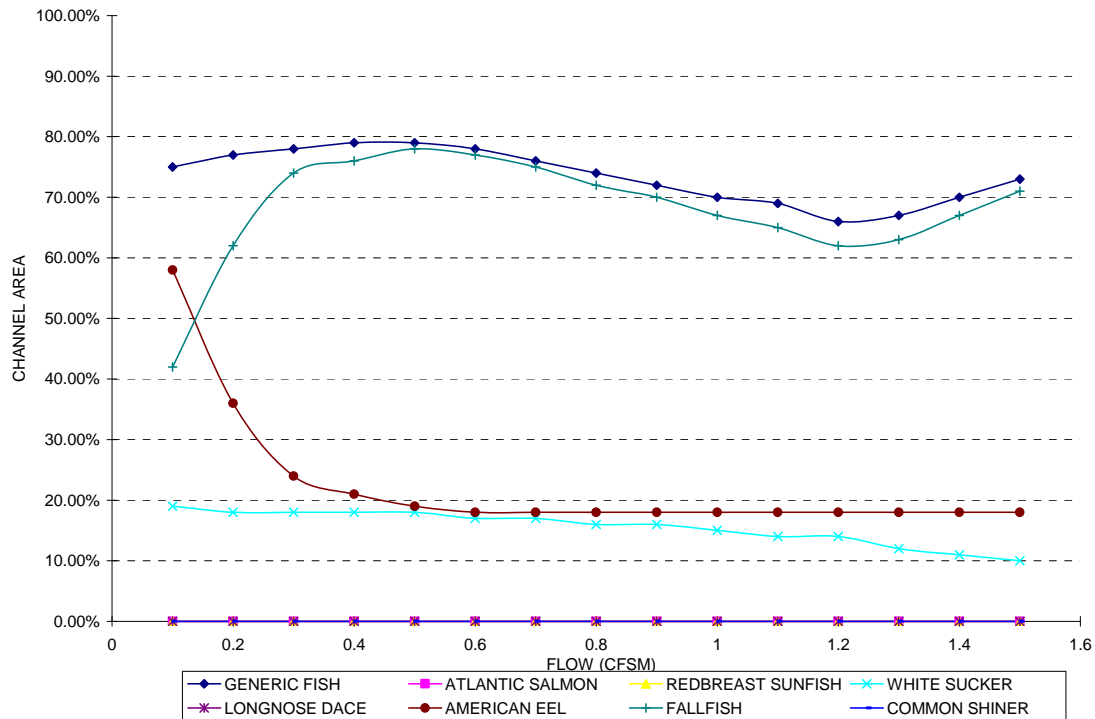


Figure 103: Effective Habitat rating curves for fish in Reach 3 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 4

Project: Lamprey River AIC
Effective Habitat

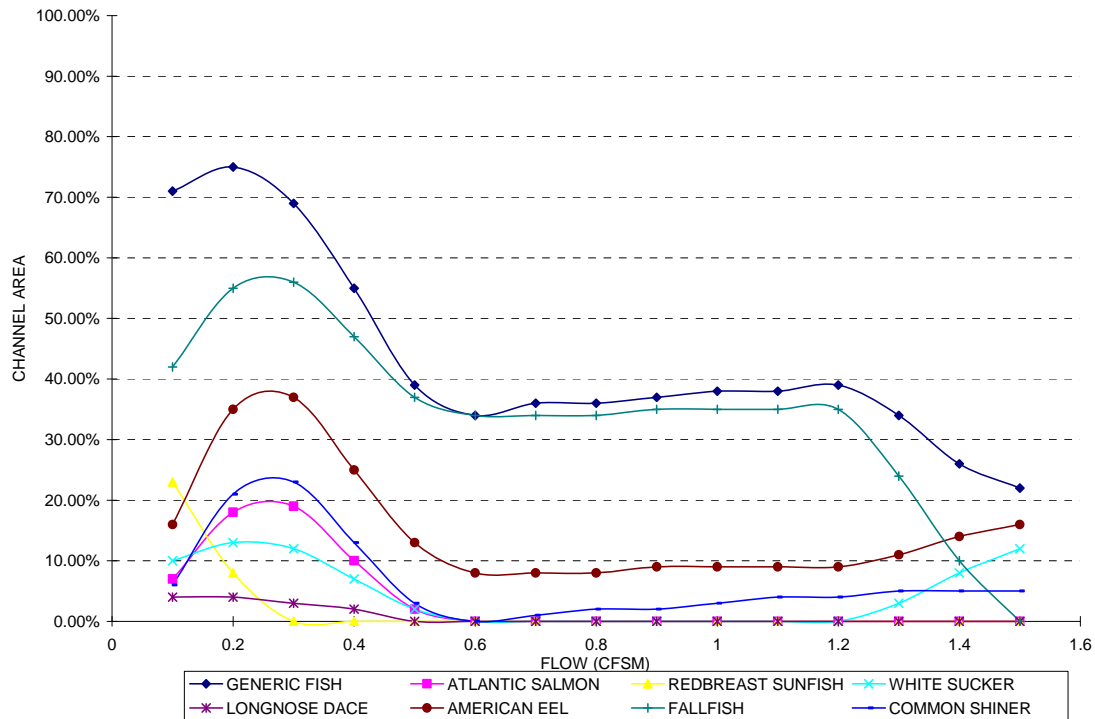


Figure 104: Effective Habitat rating curves for fish in Reach 4 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 5

Project: Lamprey River AIC
Effective Habitat

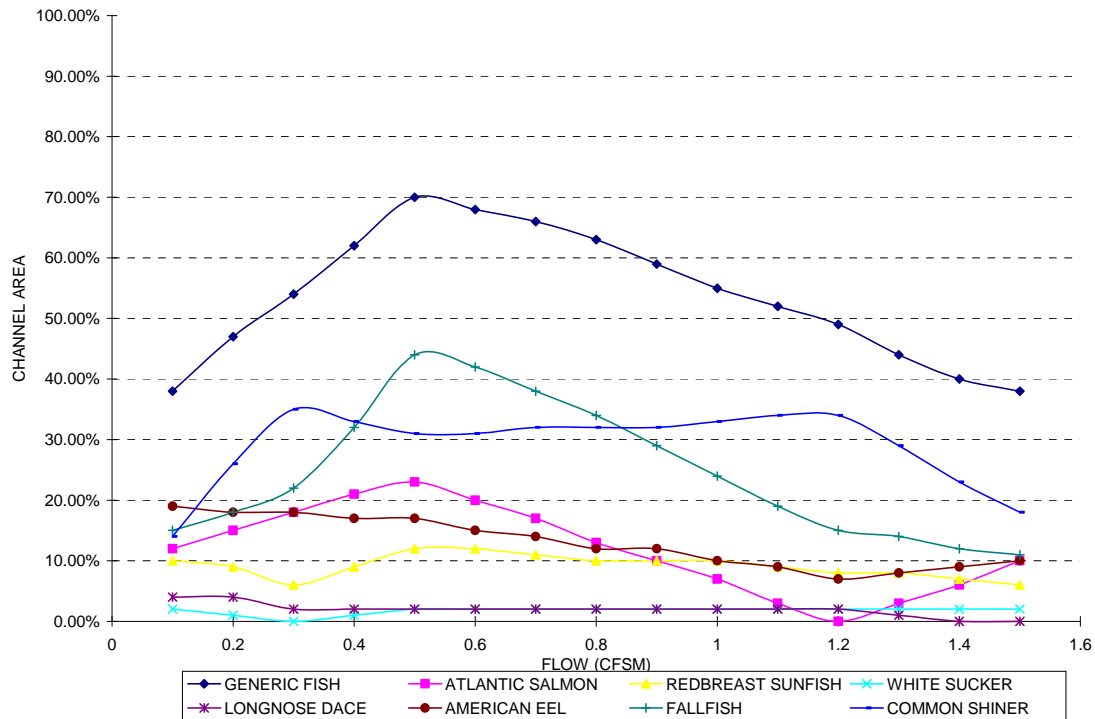


Figure 105: Effective Habitat rating curves for fish in Reach 5 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 6

Project: Lamprey River AIC
Effective Habitat

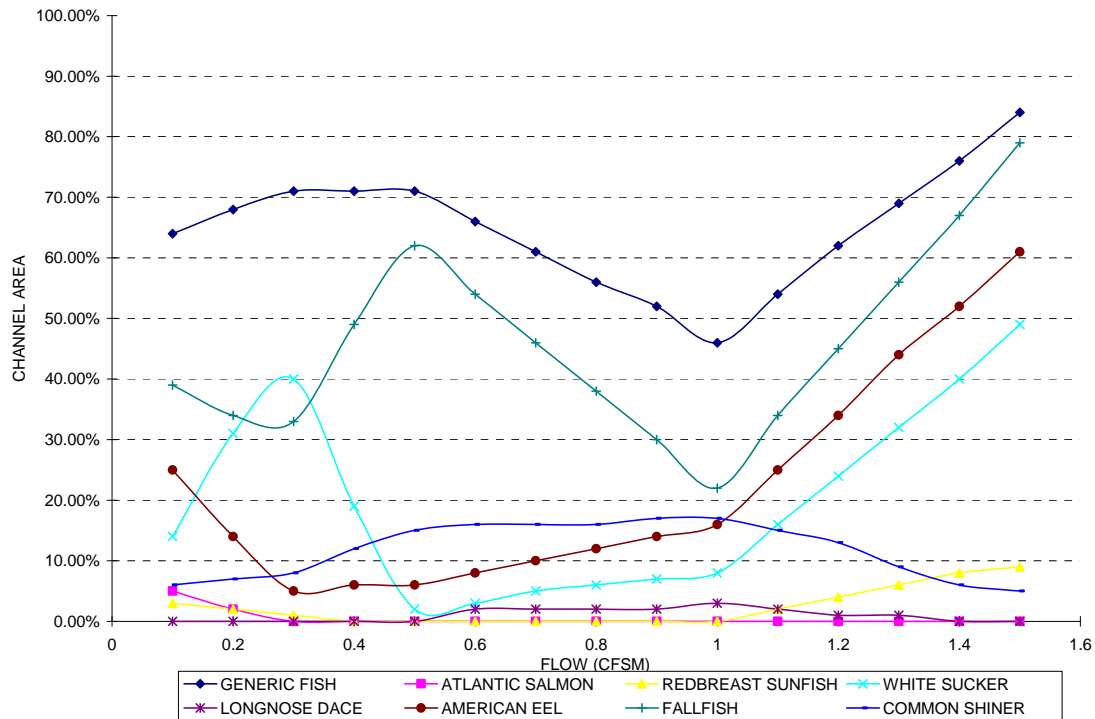


Figure 106: Effective Habitat rating curves for fish in Reach 6 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 7

Project: Lamprey River AIC
Effective Habitat

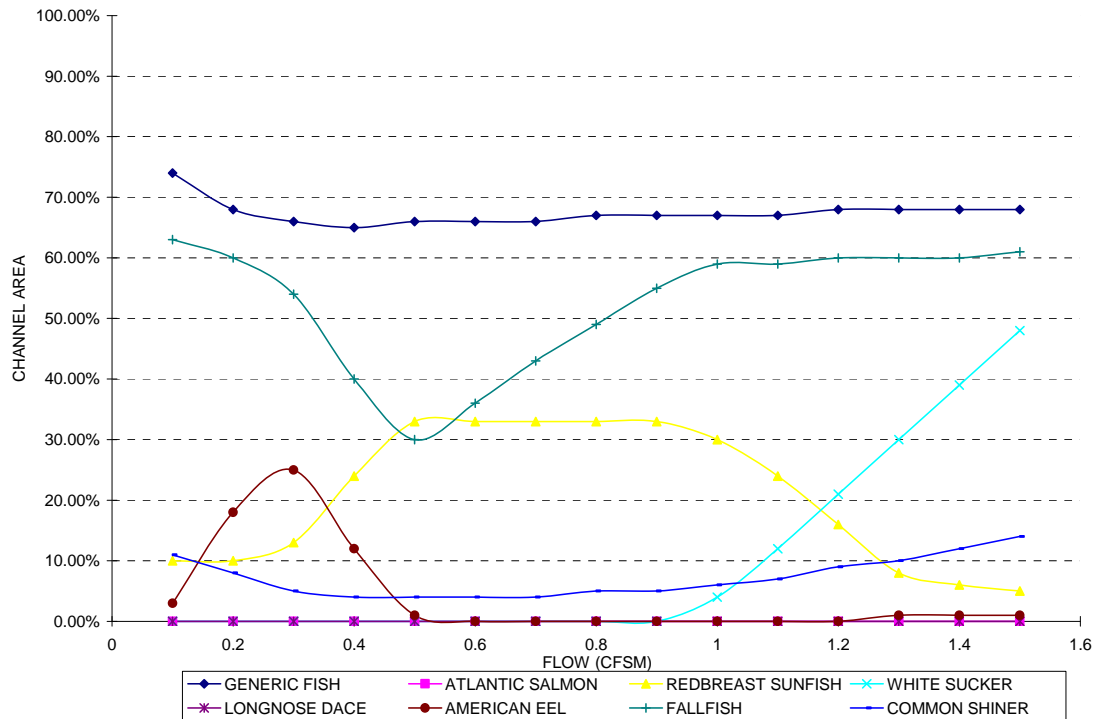


Figure 107: Effective Habitat rating curves for fish in Reach 7 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 8

Project: Lamprey River AIC
Effective Habitat

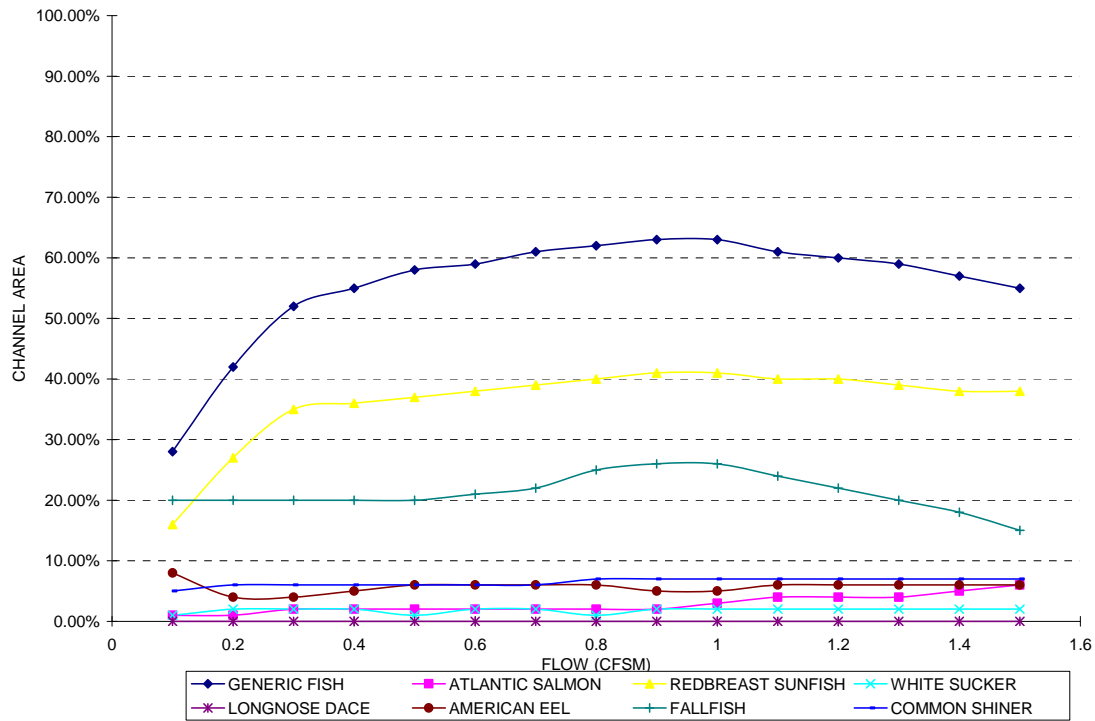


Figure 108: Effective Habitat rating curves for fish in Reach 8 during the Resident Species Spawning bioperiod.

3.
Current Conditions
Rearing and Growth bioperiod Optimal Habitat



Suitability Curve(s) for Site: 1

Project: Lamprey River AIC
Curve: Optimal

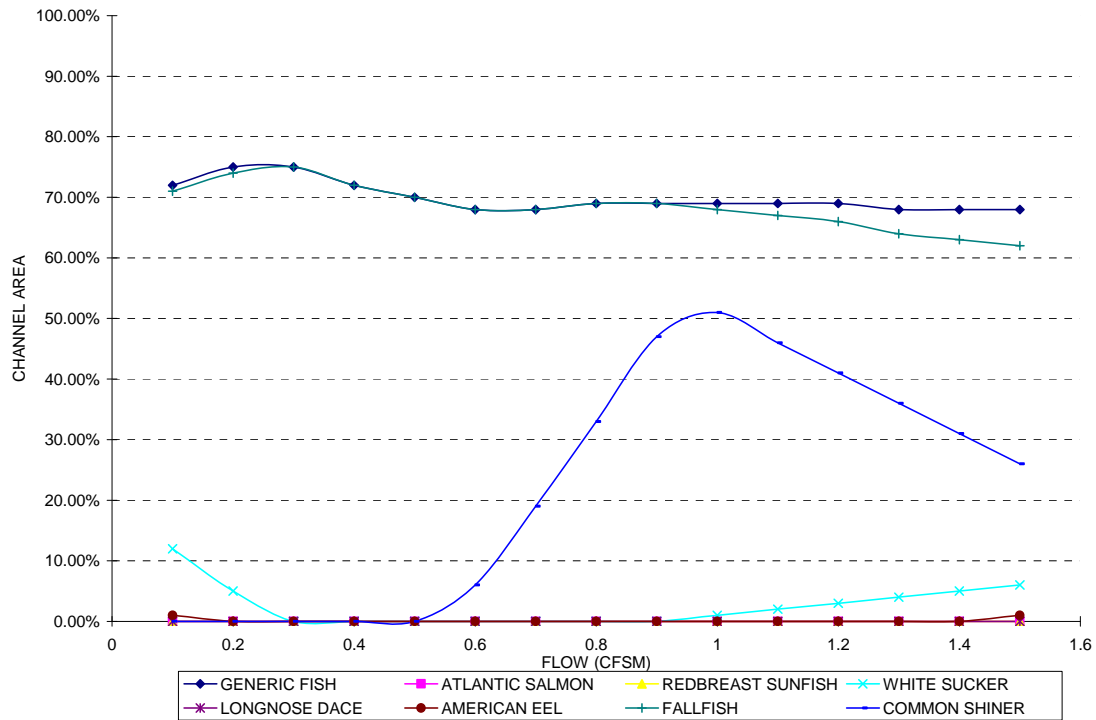


Figure 109: Optimal rating curves for fish in Reach 1 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 2

Project: Lamprey River AIC

Curve: Optimal

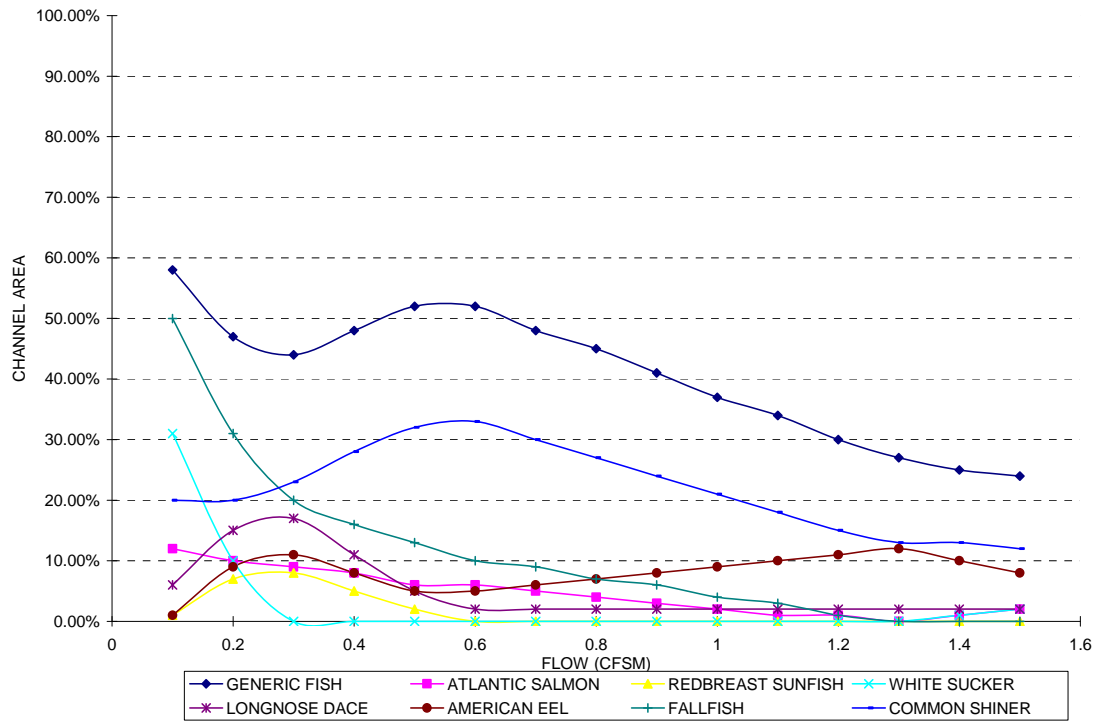


Figure 110: Optimal rating curves for fish in Reach 2 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 3

Project: Lamprey River AIC

Curve: Optimal

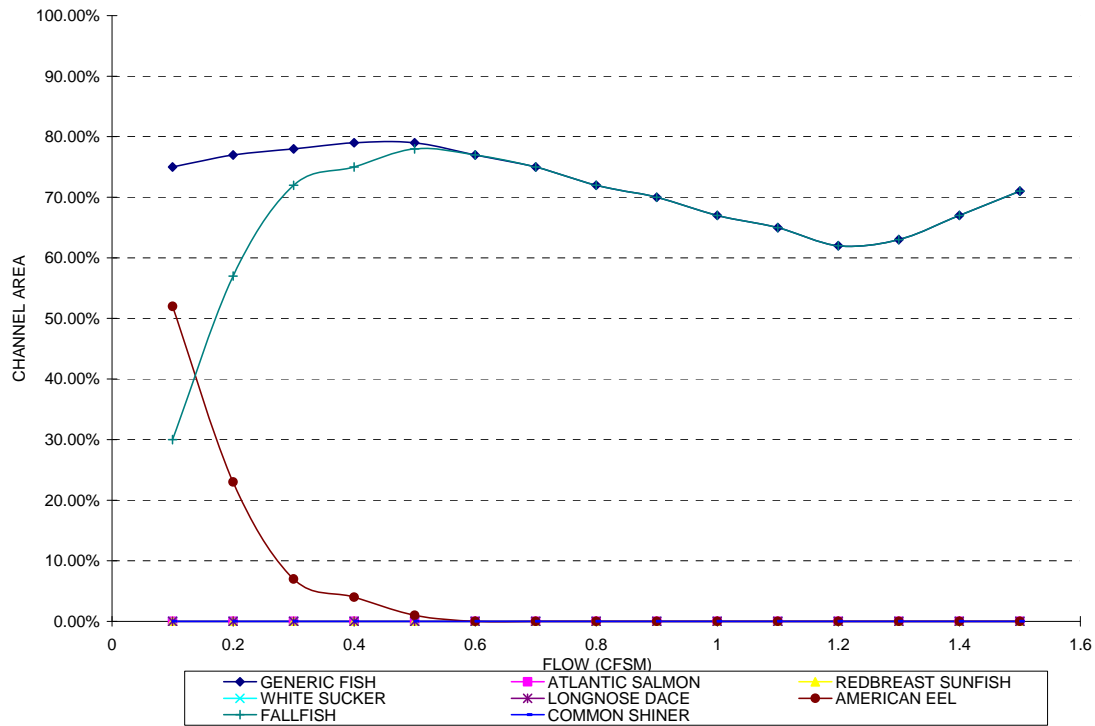


Figure 111: Optimal rating curves for fish in Reach 3 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 4

Project: Lamprey River AIC

Curve: Optimal

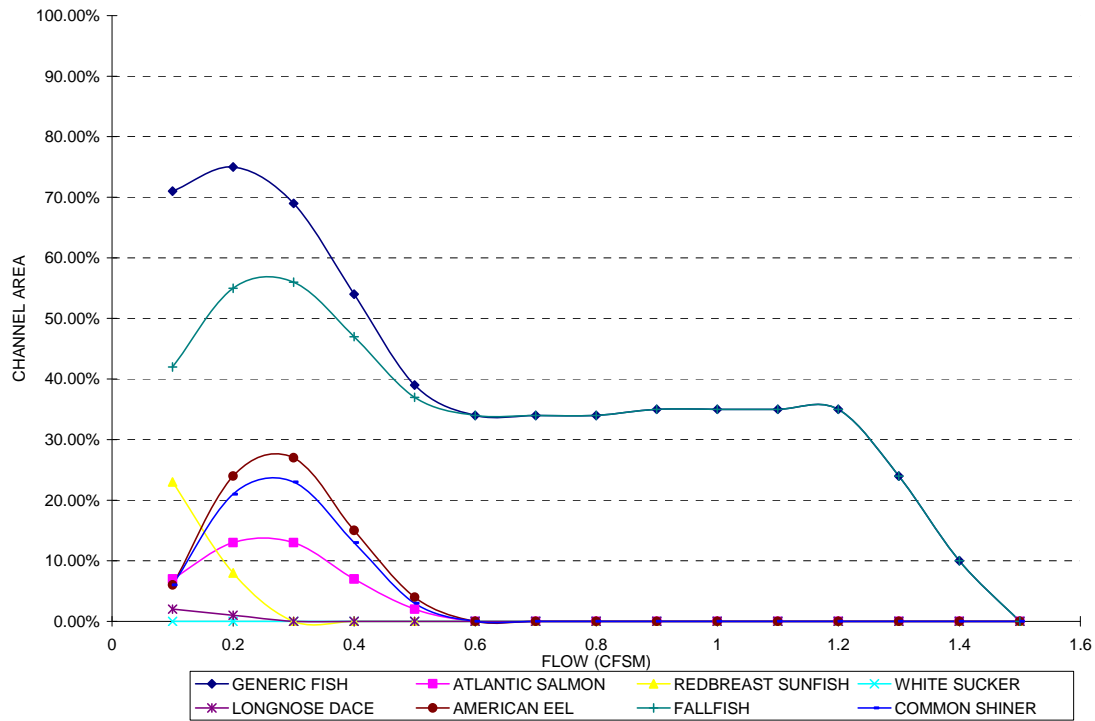


Figure 112: Optimal rating curves for fish in Reach 4 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 5

Project: Lamprey River AIC

Curve: Optimal

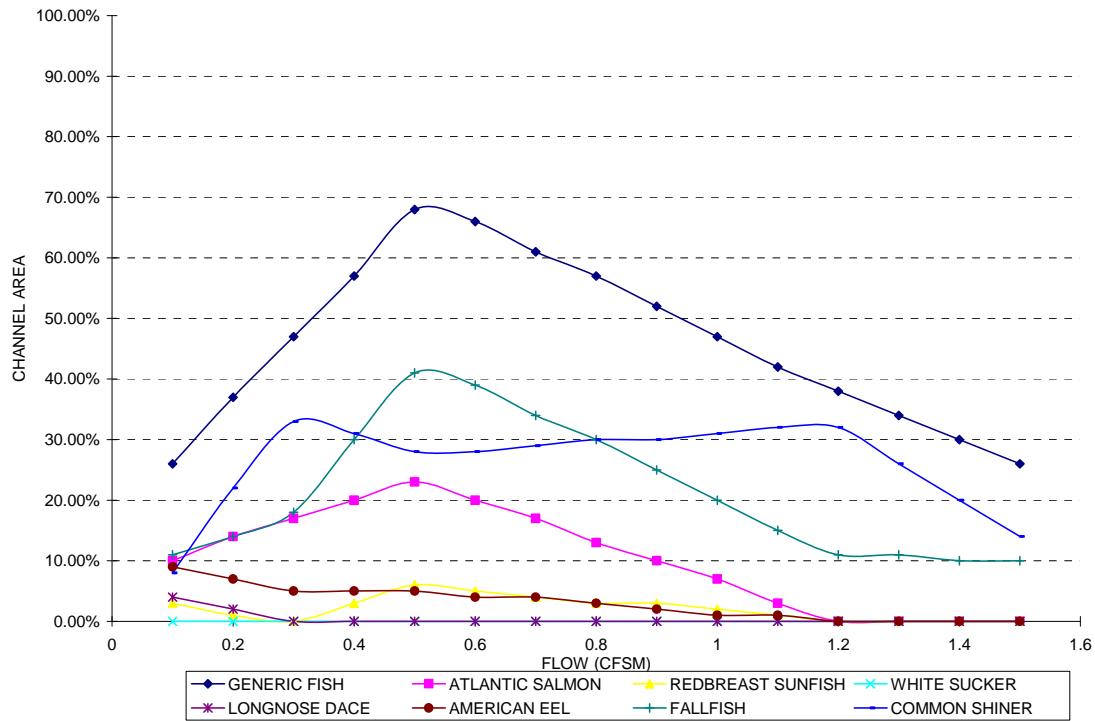


Figure 113: Optimal rating curves for fish in Reach 5 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 6

Project: Lamprey River AIC

Curve: Optimal

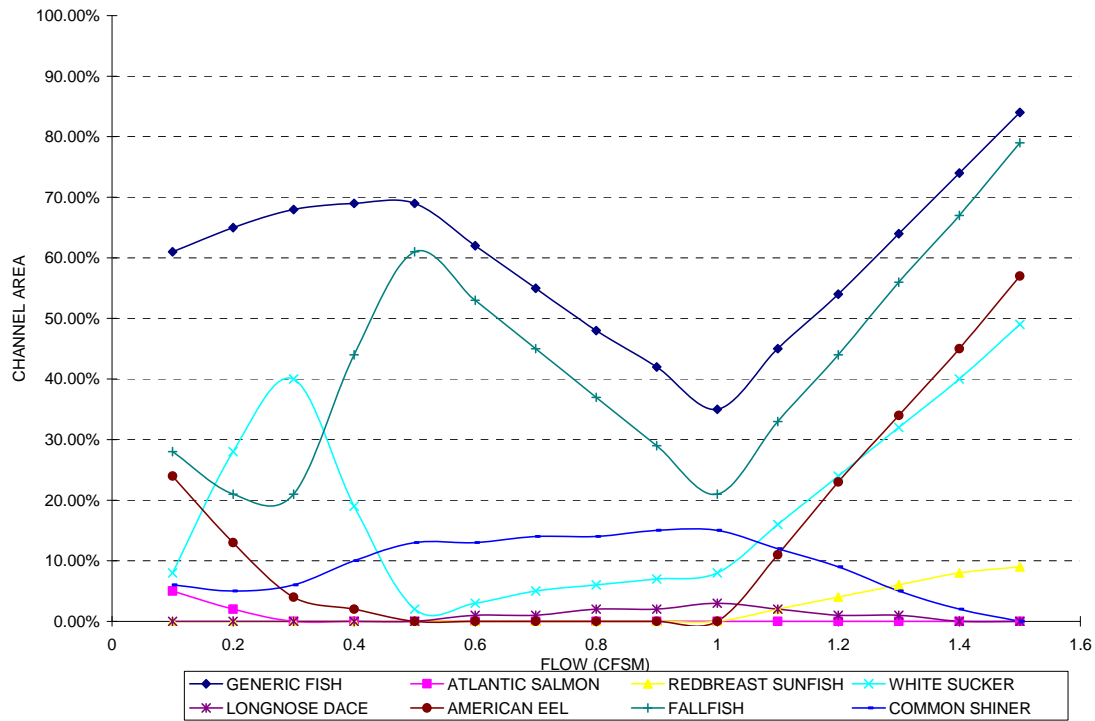


Figure 114: Optimal rating curves for fish in Reach 6 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 7

Project: Lamprey River AIC

Curve: Optimal

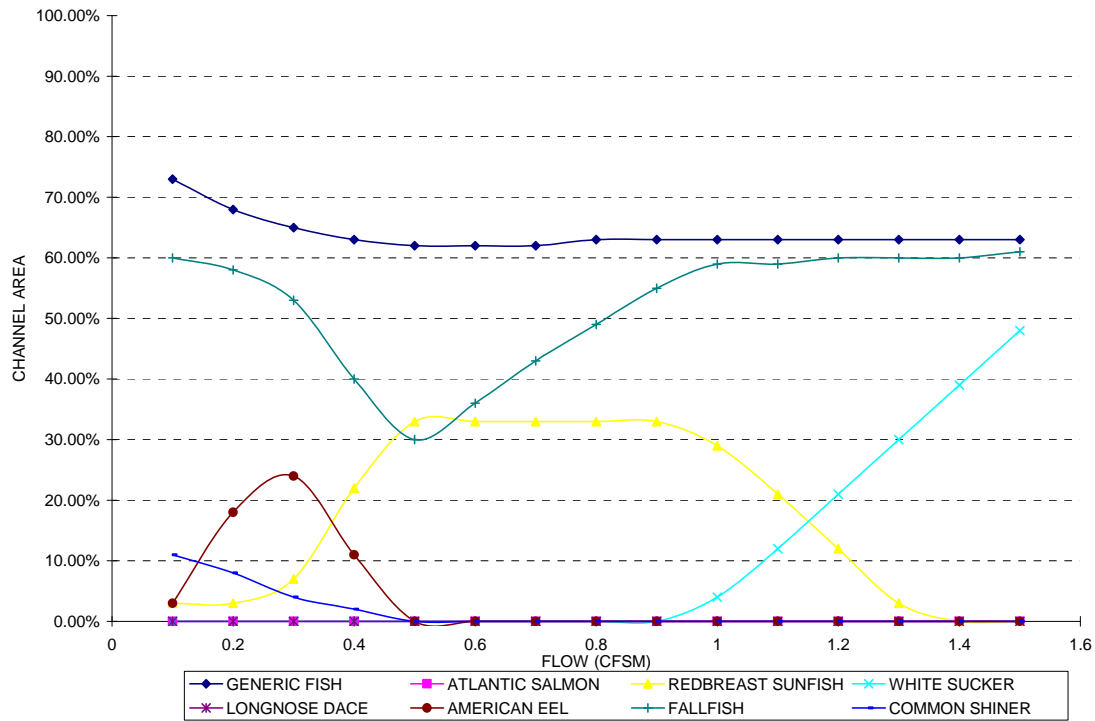


Figure 115: Optimal rating curves for fish in Reach 7 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 8

Project: Lamprey River AIC

Curve: Optimal

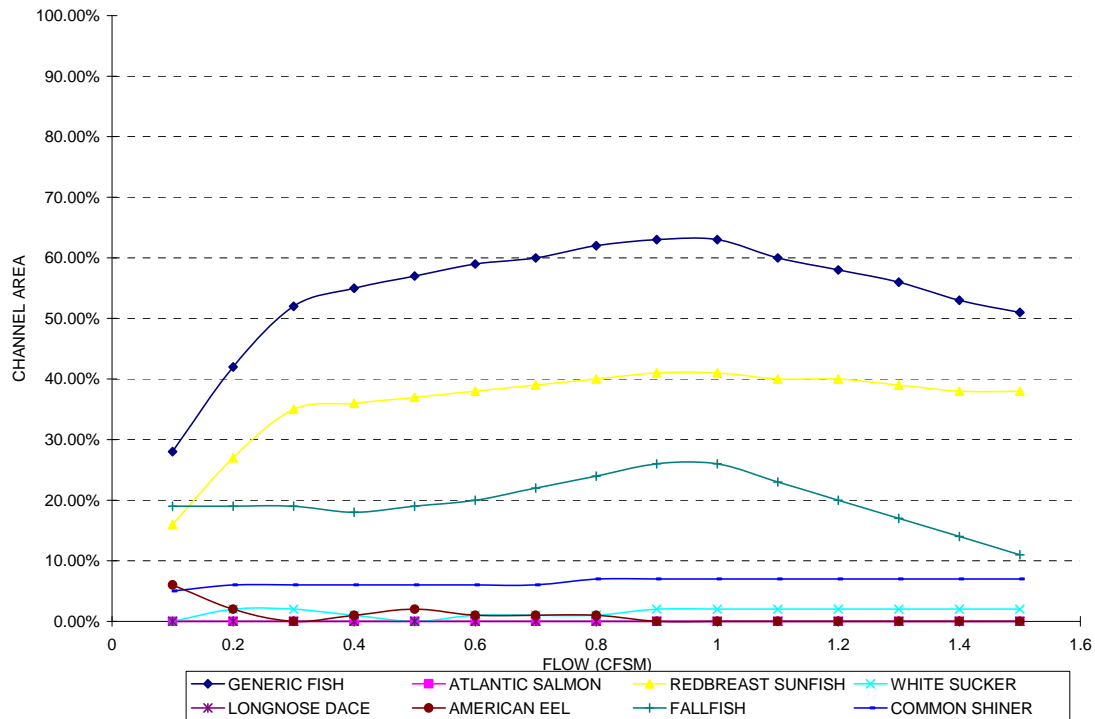


Figure 116: Optimal rating curves for fish in Reach 8 during the Rearing and Growth bioperiod.

4.
Current Conditions
Resident Species Spawning Suitability



Suitability Curve(s) for Site: 1

Project: Lamprey River Spawning
Curve: Suitability

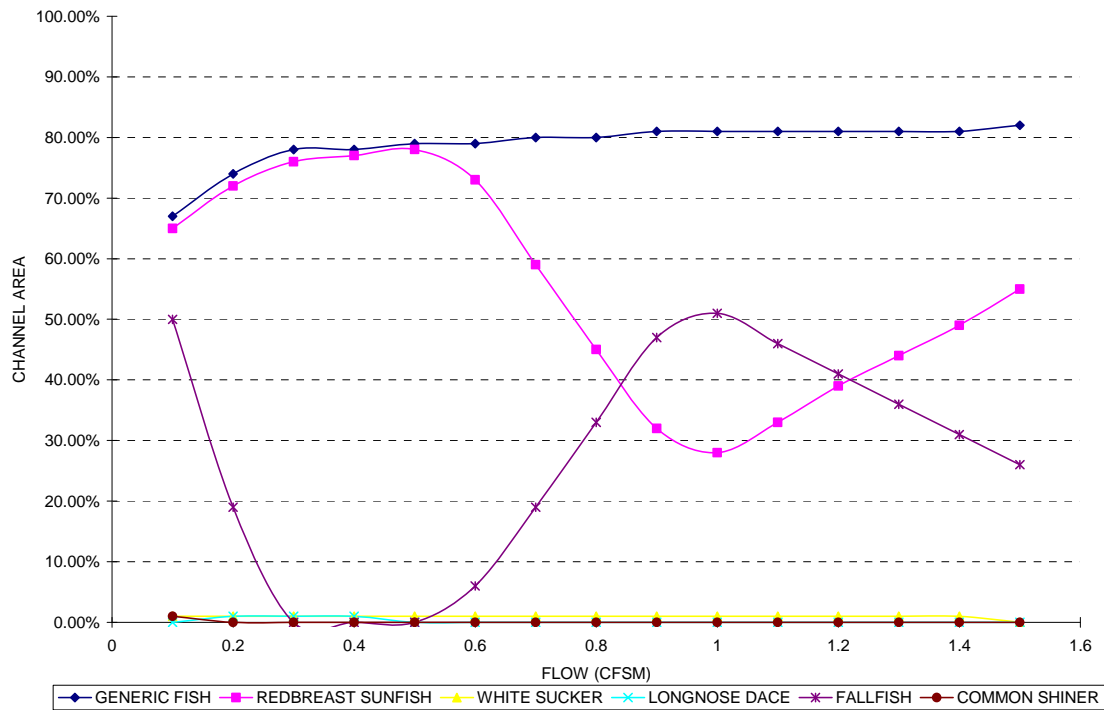


Figure 117: Suitability rating curves for fish in Reach 1 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 2

Project: Lamprey River Spawning

Curve: Suitability

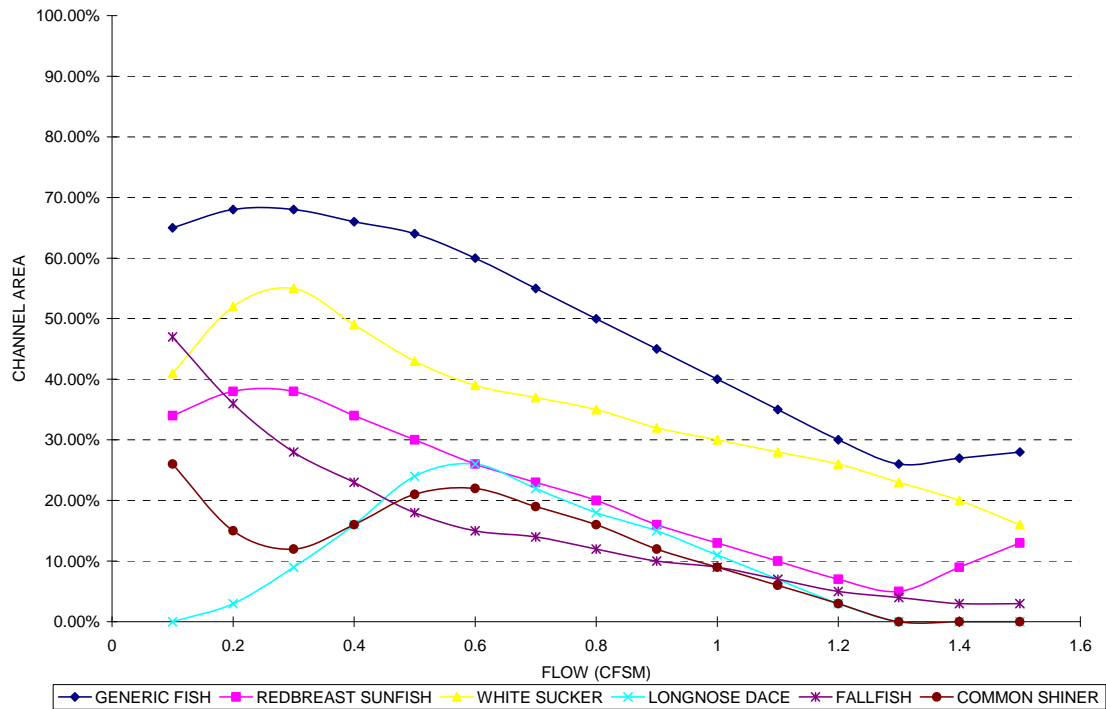


Figure 118: Suitability rating curves for fish in Reach 2 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 3

Project: Lamprey River Spawning

Curve: Suitability

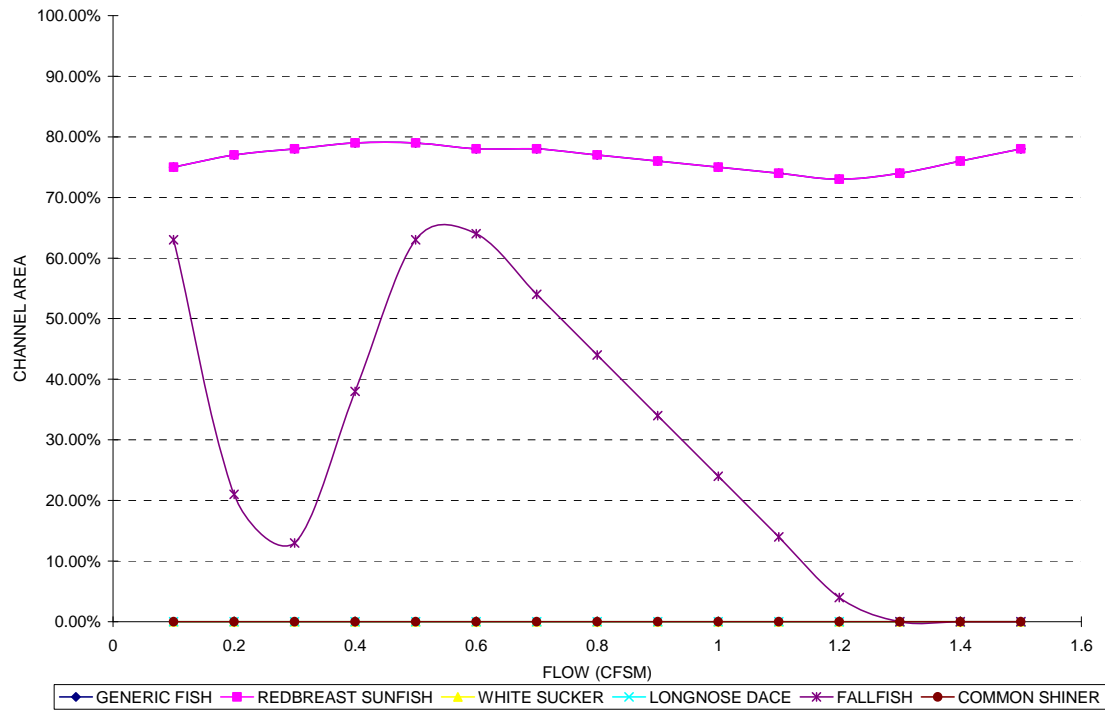


Figure 119: Suitability rating curves for fish in Reach 3 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 4

Project: Lamprey River Spawning

Curve: Suitability

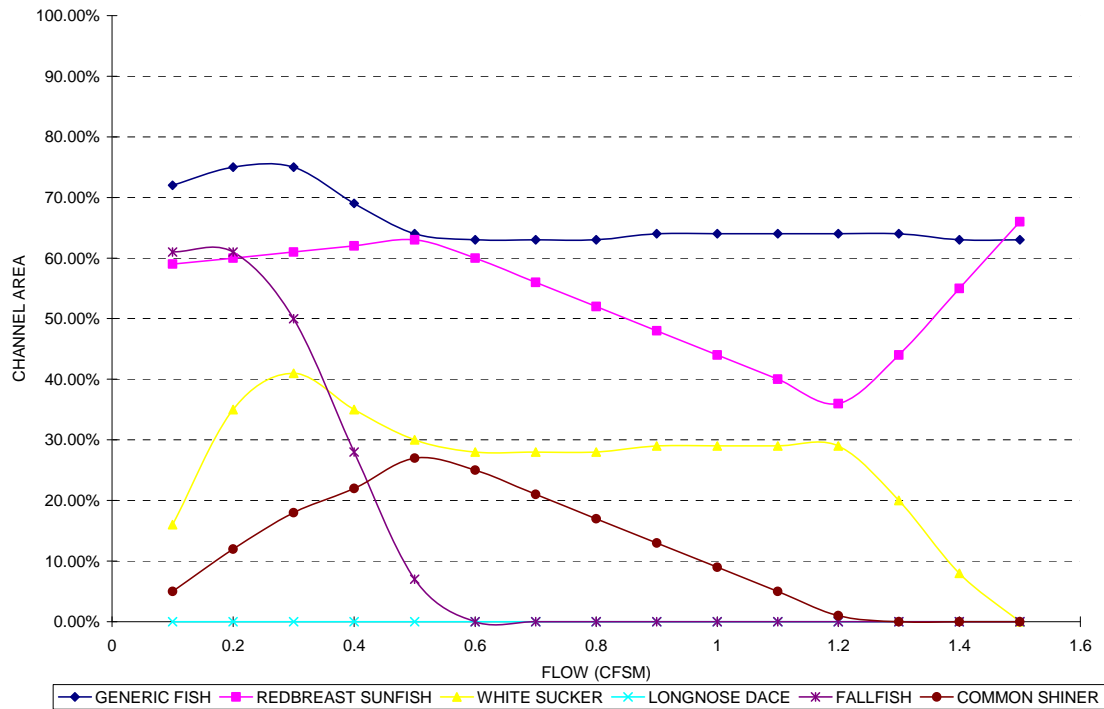


Figure 120: Suitability rating curves for fish in Reach 4 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 5

Project: Lamprey River Spawning

Curve: Suitability

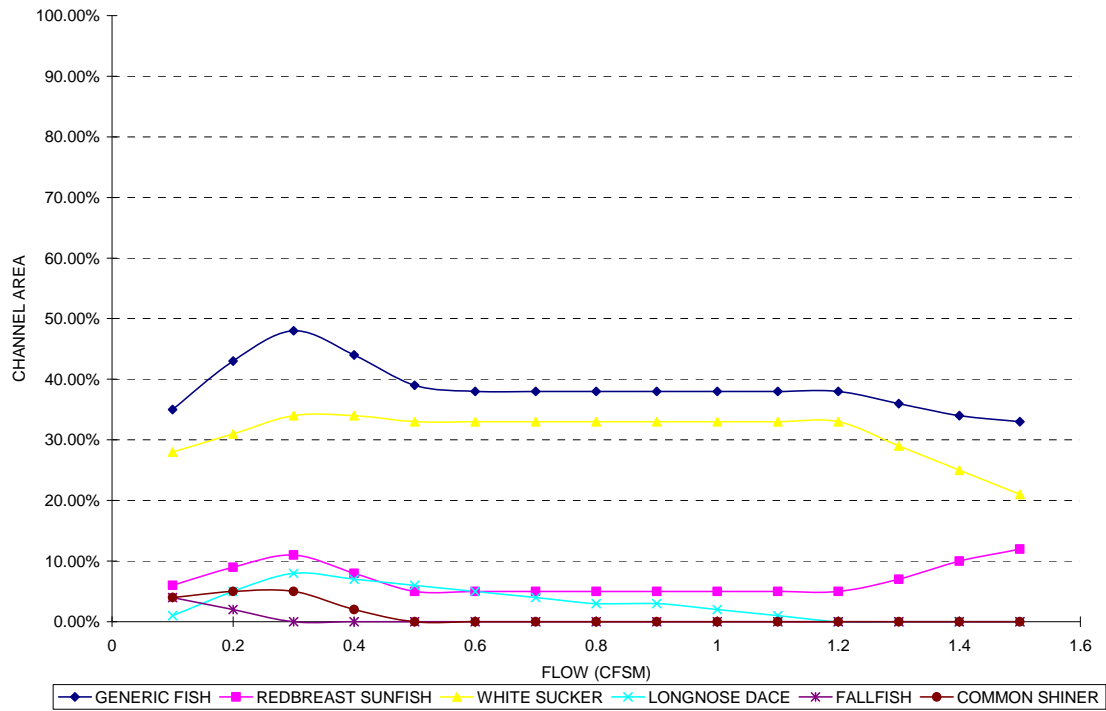


Figure 121: Suitability rating curves for fish in Reach 5 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 6

Project: Lamprey River Spawning

Curve: Suitability

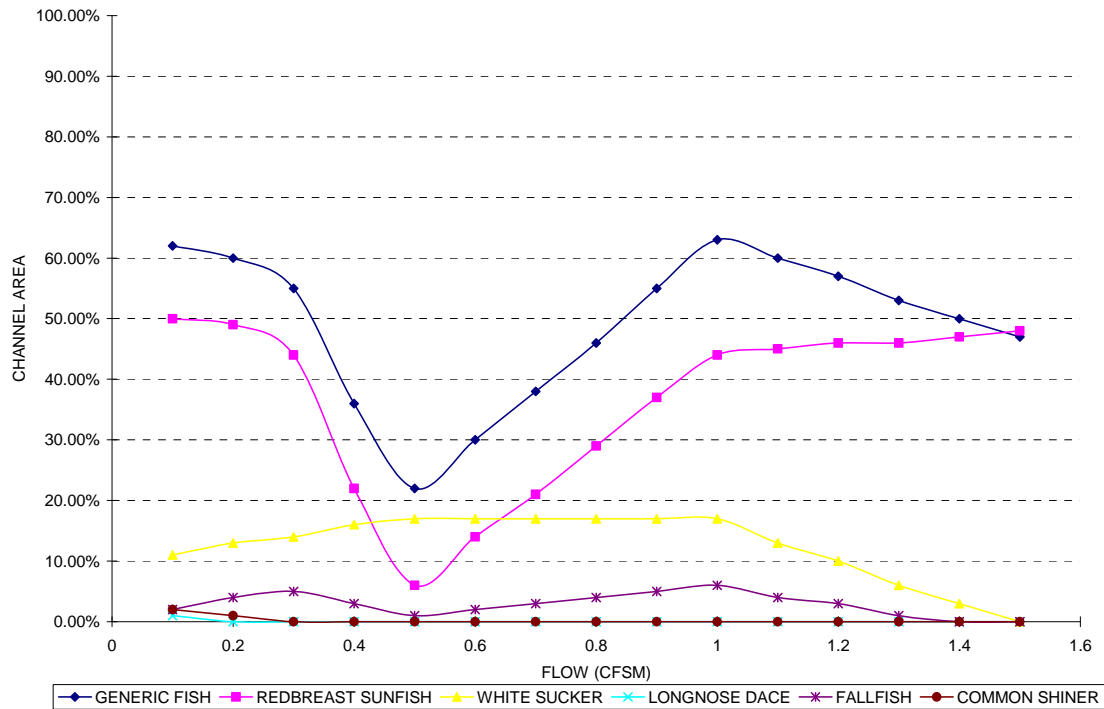


Figure 122: Suitability rating curves for fish in Reach 6 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 7

Project: Lamprey River Spawning

Curve: Suitability

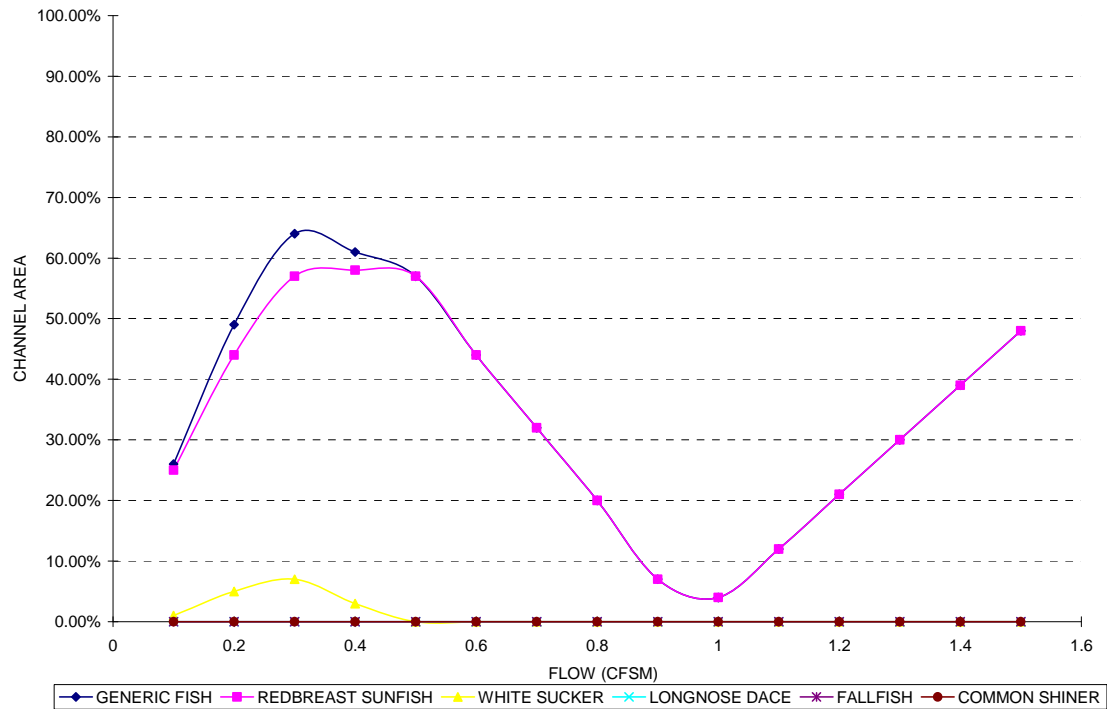


Figure 123: Suitability rating curves for fish in Reach 7 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 8

Project: Lamprey River Spawning

Curve: Suitability

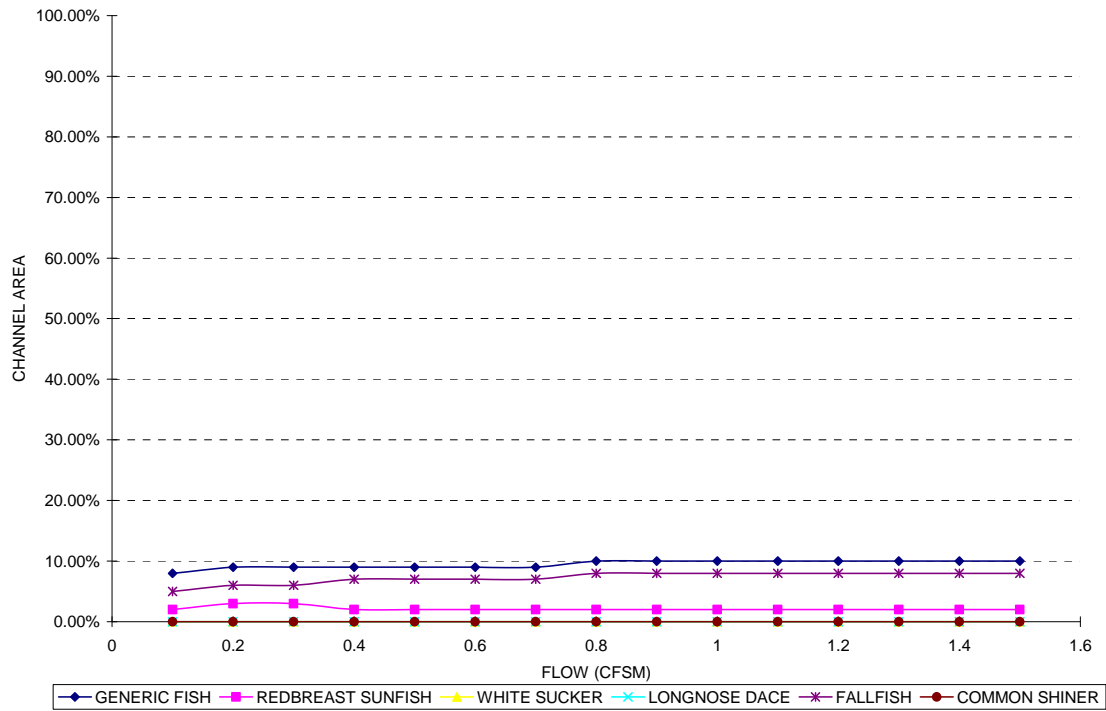


Figure 124: Suitability rating curves for fish in Reach 8 during the Resident Species Spawning bioperiod.

5.
Current Conditions
Resident Species Spawning Effective Habitat



Suitability Curve(s) for Site: 1

Project: Lamprey River Spawning
Effective Habitat

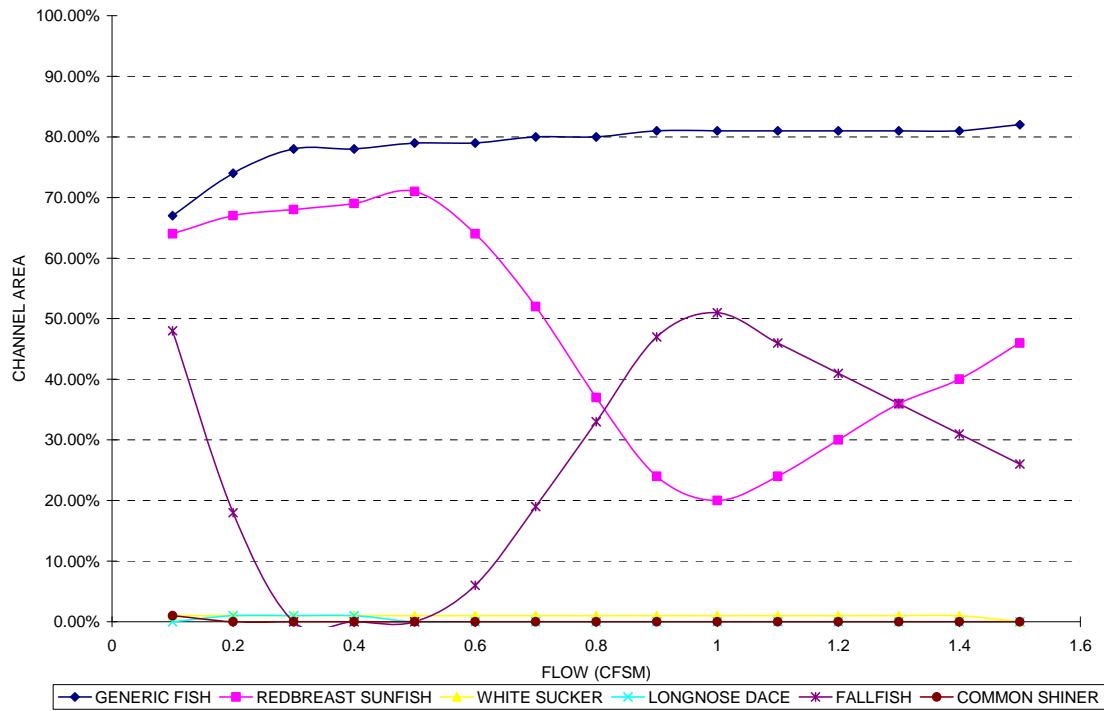


Figure 125: Effective Habitat rating curves for fish in Reach 1 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 2

Project: Lamprey River Spawning
Effective Habitat

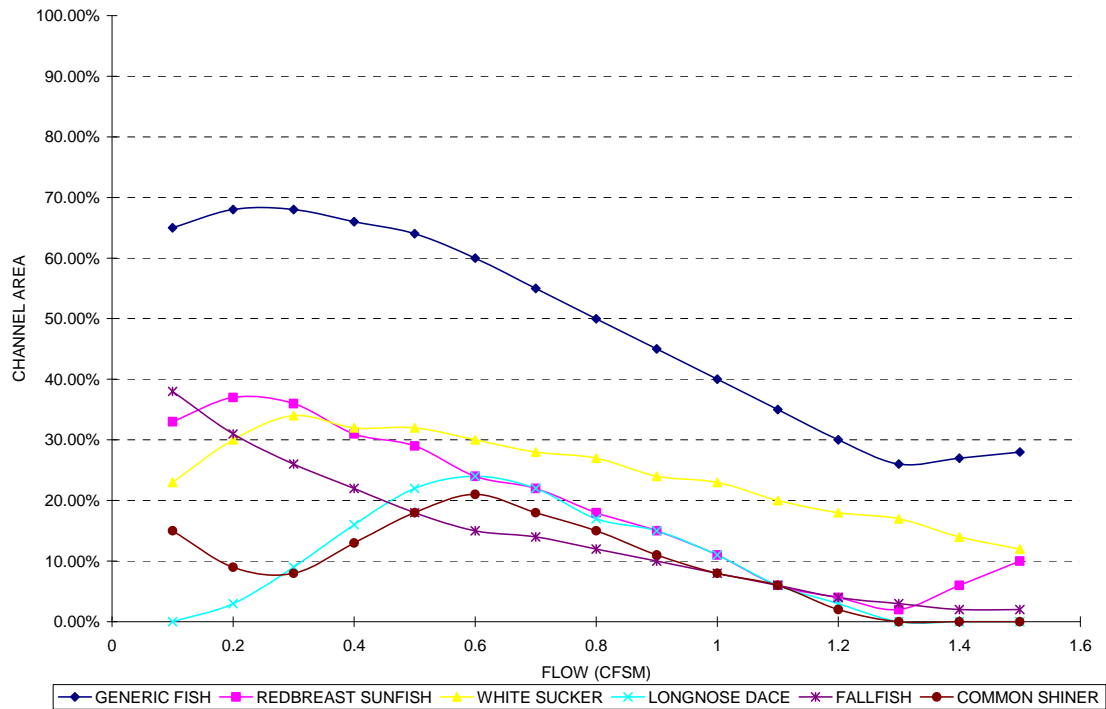


Figure 126: Effective Habitat rating curves for fish in Reach 2 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 3

Project: Lamprey River Spawning
Effective Habitat

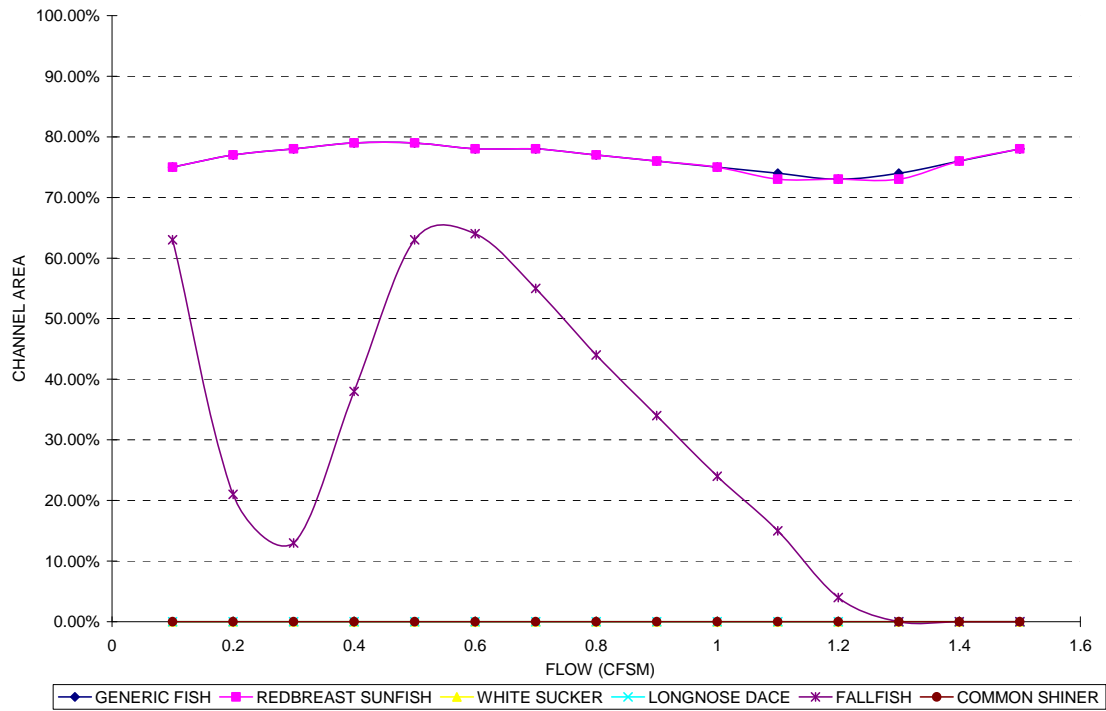


Figure 127: Effective Habitat rating curves for fish in Reach 3 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 4

Project: Lamprey River Spawning
Effective Habitat

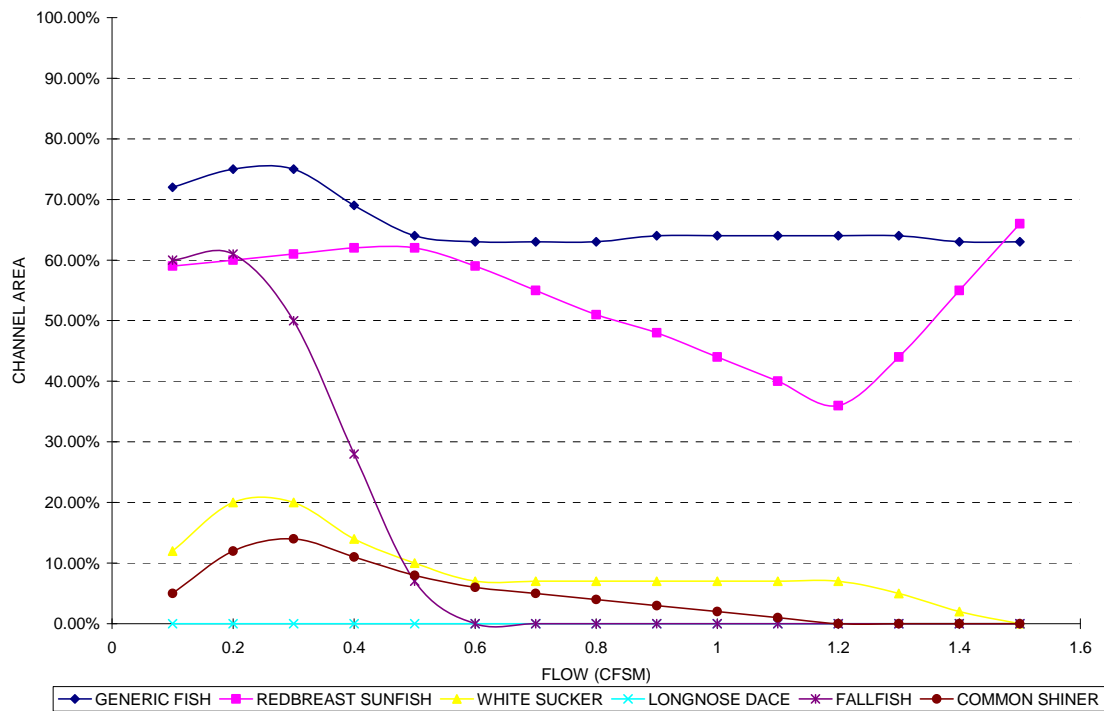


Figure 128: Effective Habitat rating curves for fish in Reach 4 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 5

Project: Lamprey River Spawning
Effective Habitat

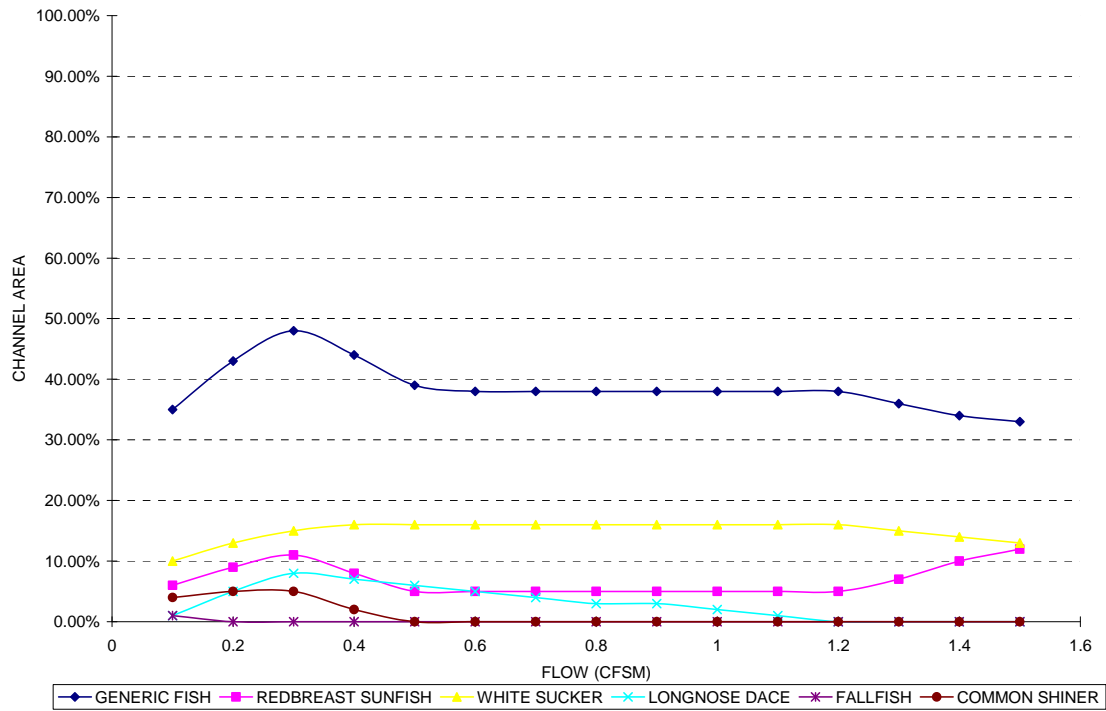


Figure 129: Effective Habitat rating curves for fish in Reach 5 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 6

Project: Lamprey River Spawning
Effective Habitat

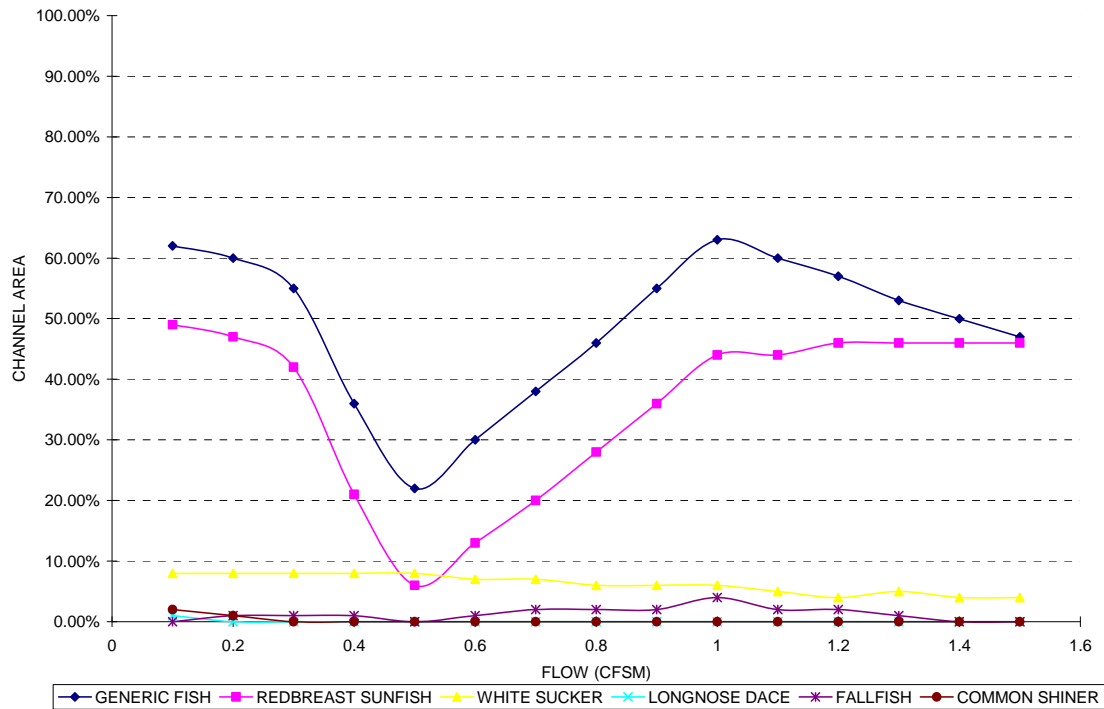


Figure 130: Effective Habitat rating curves for fish in Reach 6 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 7

Project: Lamprey River Spawning
Effective Habitat

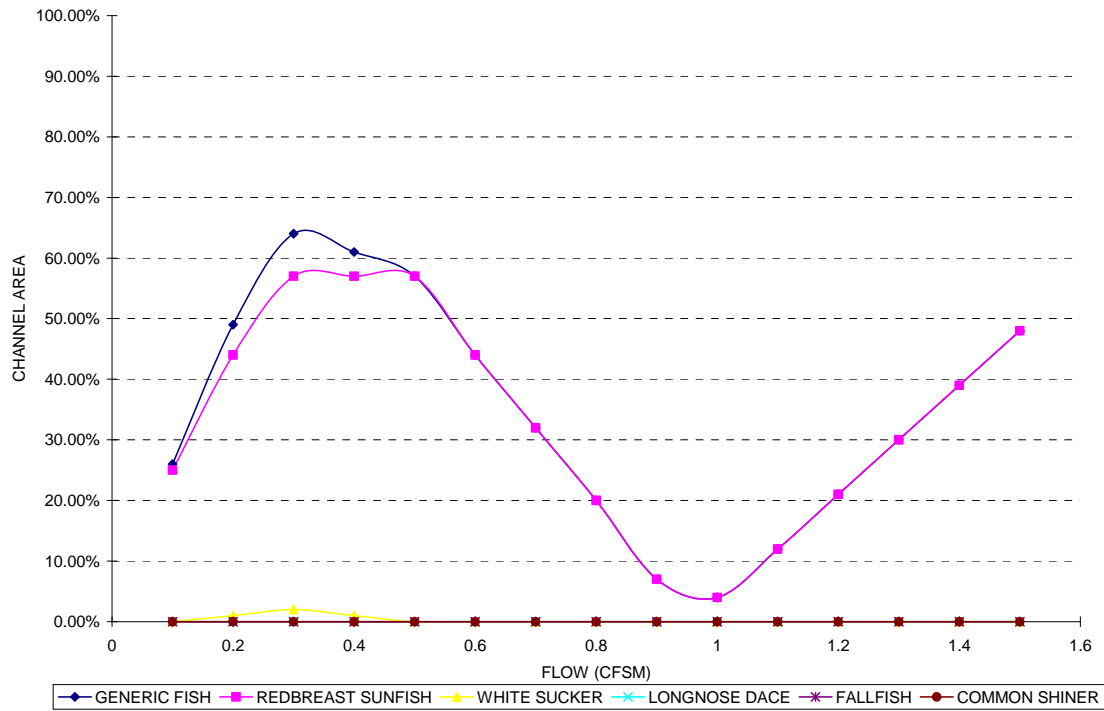


Figure 131: Effective Habitat rating curves for fish in Reach 7 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 8

Project: Lamprey River Spawning
Effective Habitat

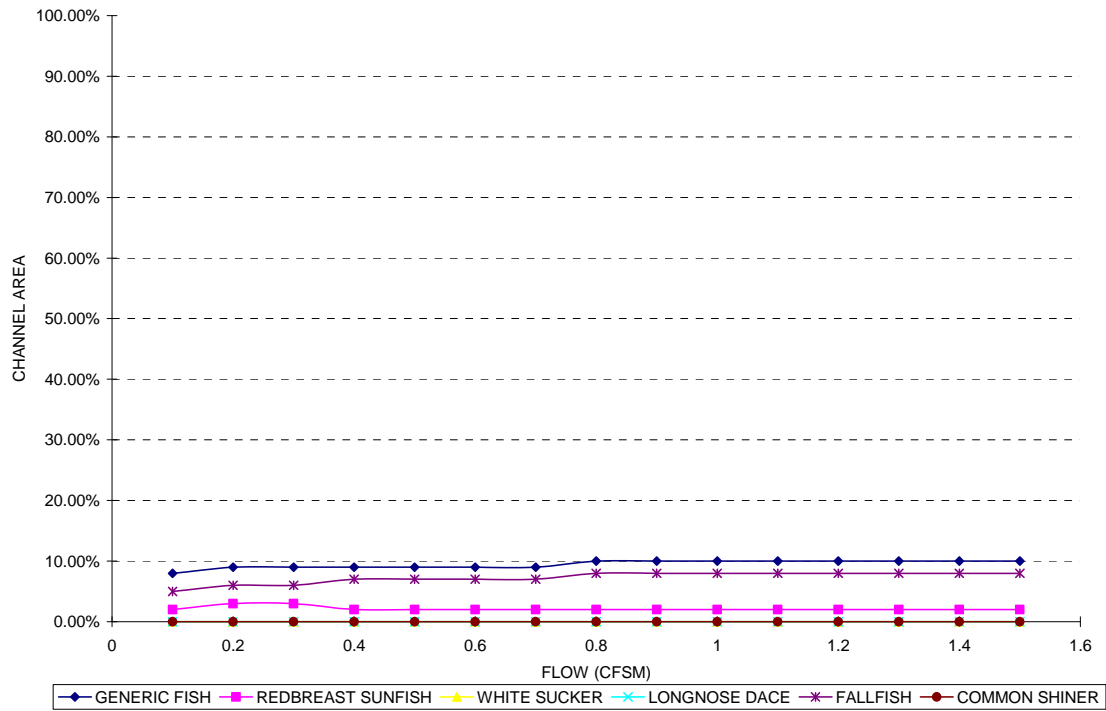


Figure 132: Effective Habitat rating curves for fish in Reach 8 during the Resident Species Spawning bioperiod.

6.
Current Conditions
Resident Species Spawning Optimal Habitat



Suitability Curve(s) for Site: 1

Project: Lamprey River Spawning
Curve: Optimal

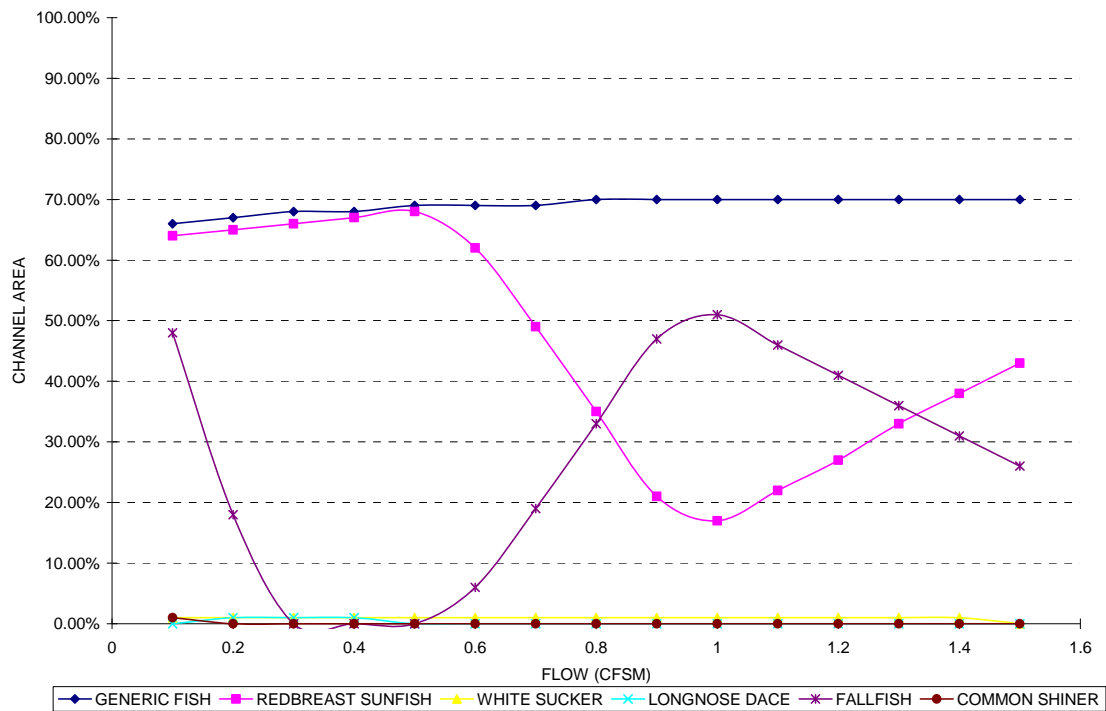


Figure 133: Optimal rating curves for fish in Reach 1 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 2

Project: Lamprey River Spawning

Curve: Optimal

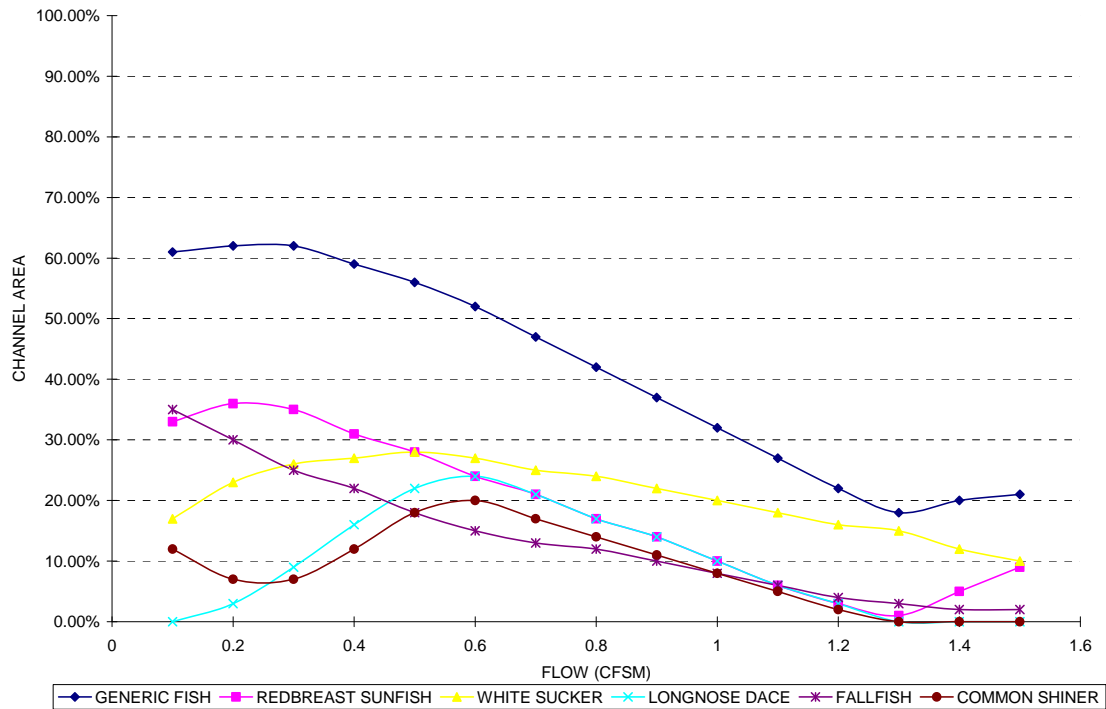


Figure 134: Optimal rating curves for fish in Reach 2 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 3

Project: Lamprey River Spawning

Curve: Optimal

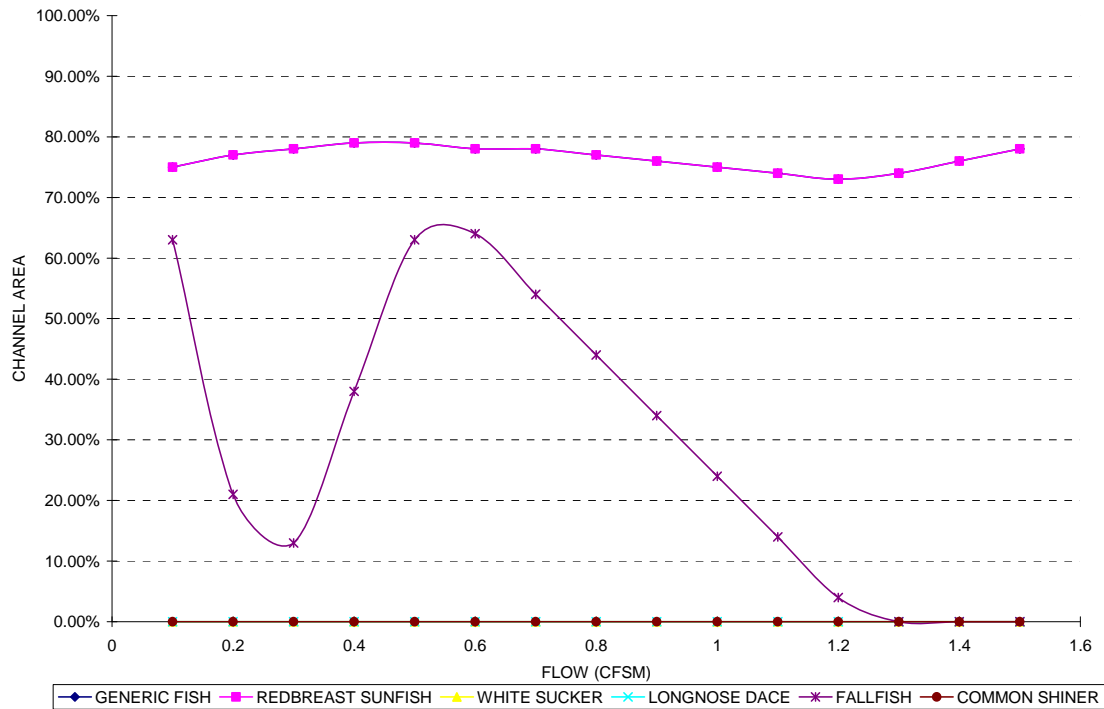


Figure 135: Optimal rating curves for fish in Reach 3 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 4

Project: Lamprey River Spawning

Curve: Optimal

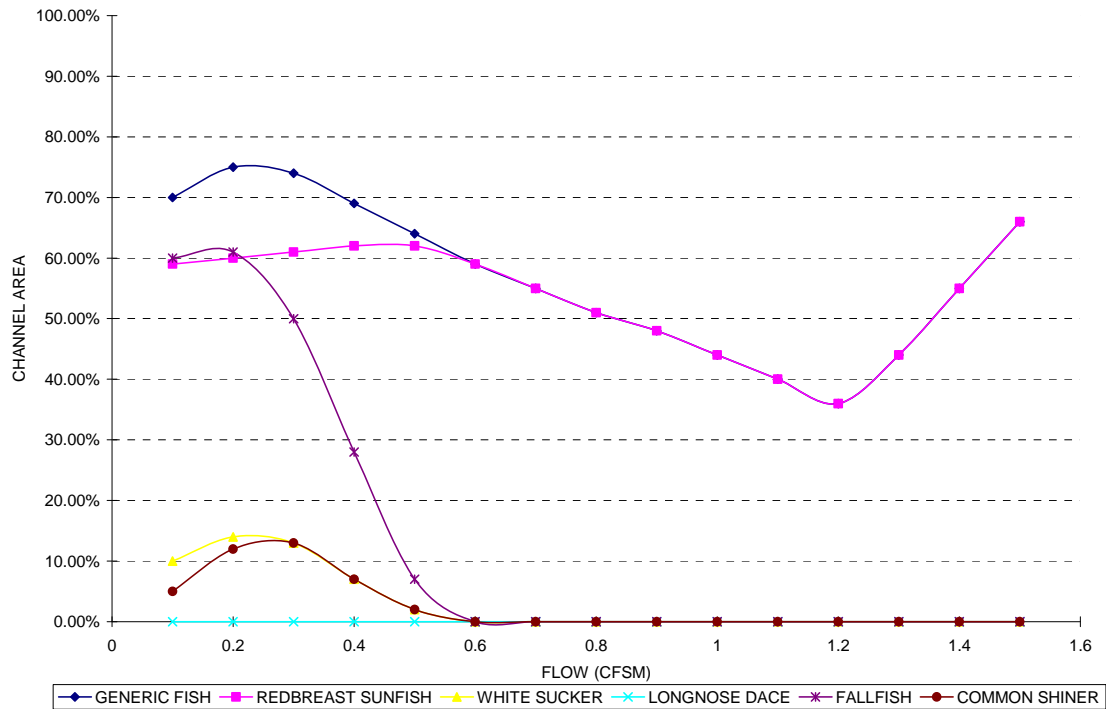


Figure 136: Optimal rating curves for fish in Reach 4 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 5

Project: Lamprey River Spawning

Curve: Optimal

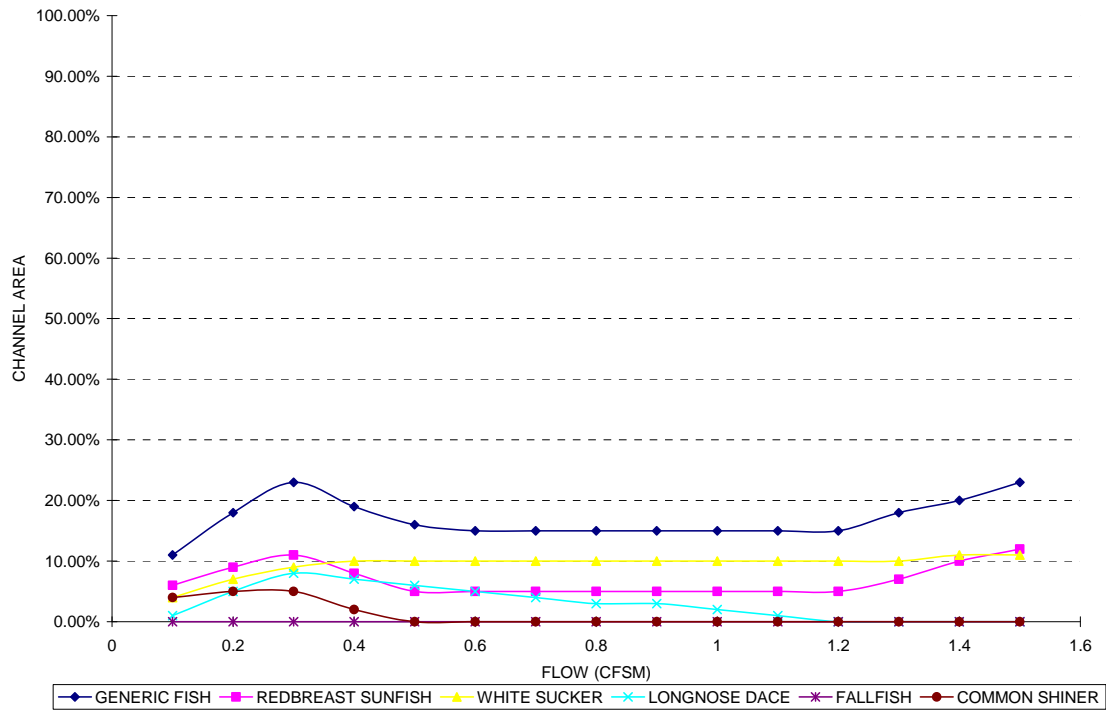


Figure 137: Optimal rating curves for fish in Reach 5 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 6

Project: Lamprey River Spawning

Curve: Optimal

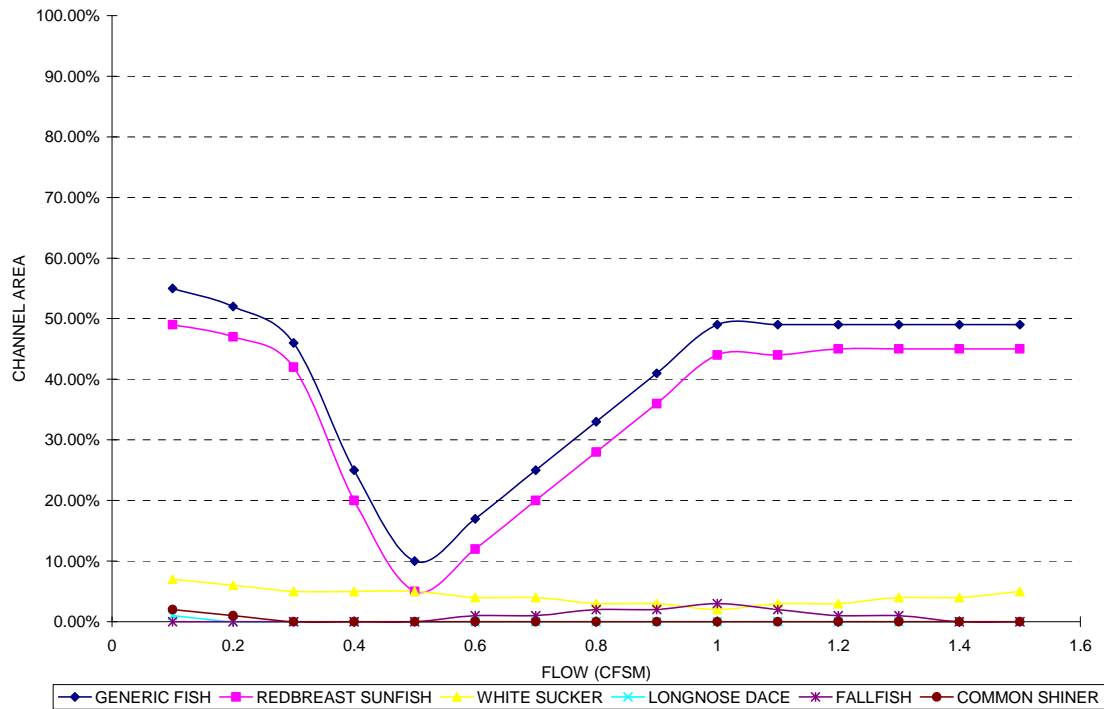


Figure 138: Optimal rating curves for fish in Reach 6 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 7

Project: Lamprey River Spawning

Curve: Optimal

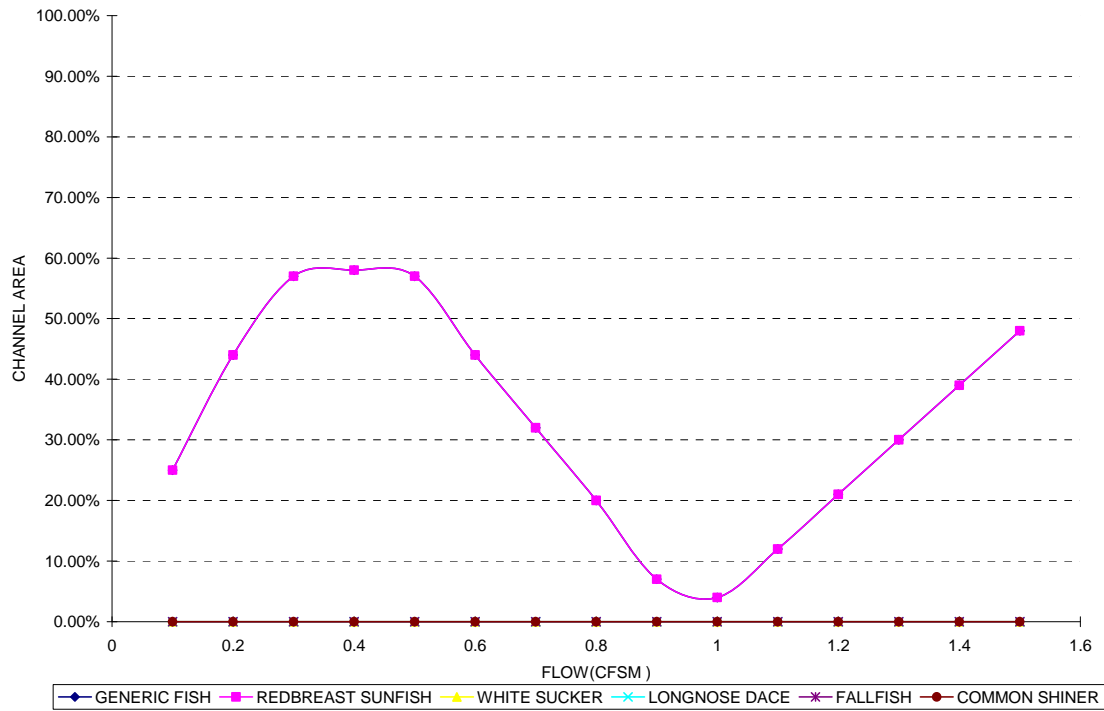


Figure 139: Optimal rating curves for fish in Reach 7 during the Resident Species Spawning bioperiod.

Suitability Curve(s) for Site: 8

Project: Lamprey River Spawning

Curve: Optimal

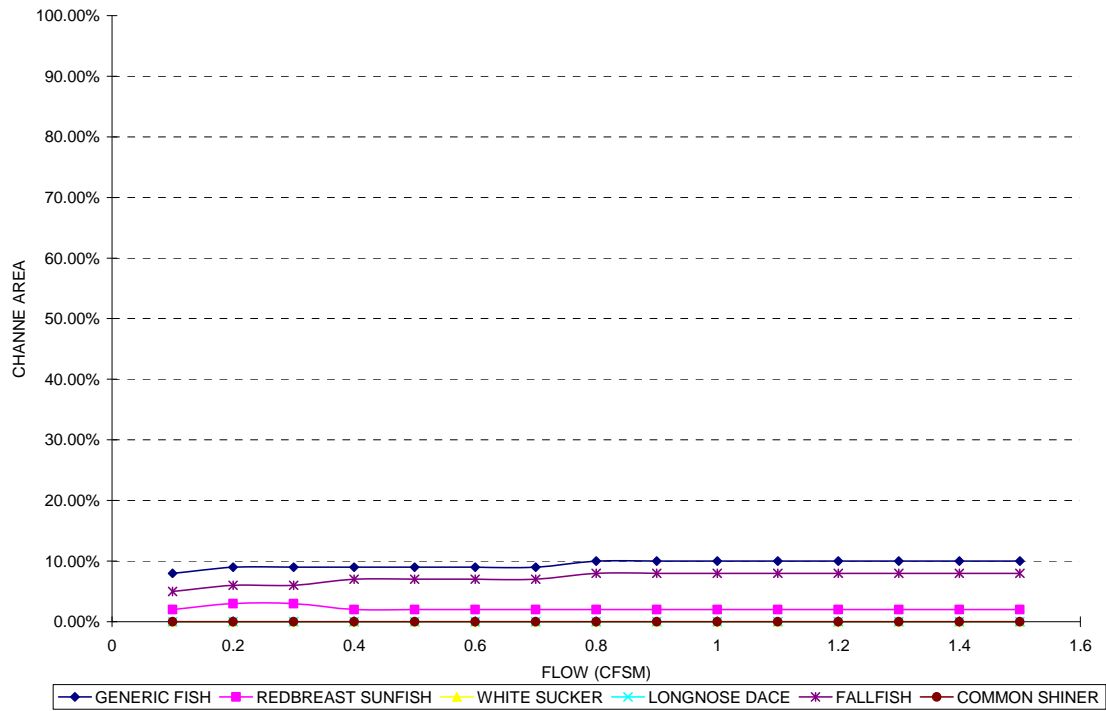


Figure 140: Optimal rating curves for fish in Reach 8 during the Resident Species Spawning bioperiod.

7.
Current Conditions
Anadromous Species spawning Suitability



Suitability Curve(s) for Site: 1

Project: Lamprey River Spawning
Curve: Suitability

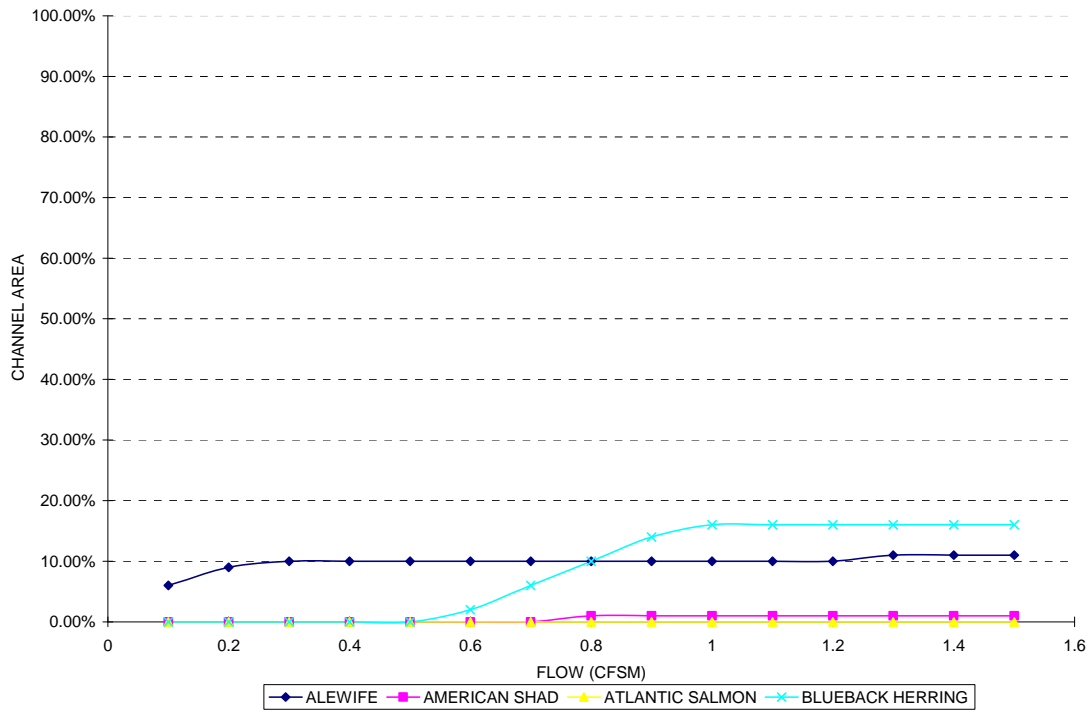


Figure 141: Suitability rating curves for fish in Reach 1 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 2

Project: Lamprey River Spawning

Curve: Suitability

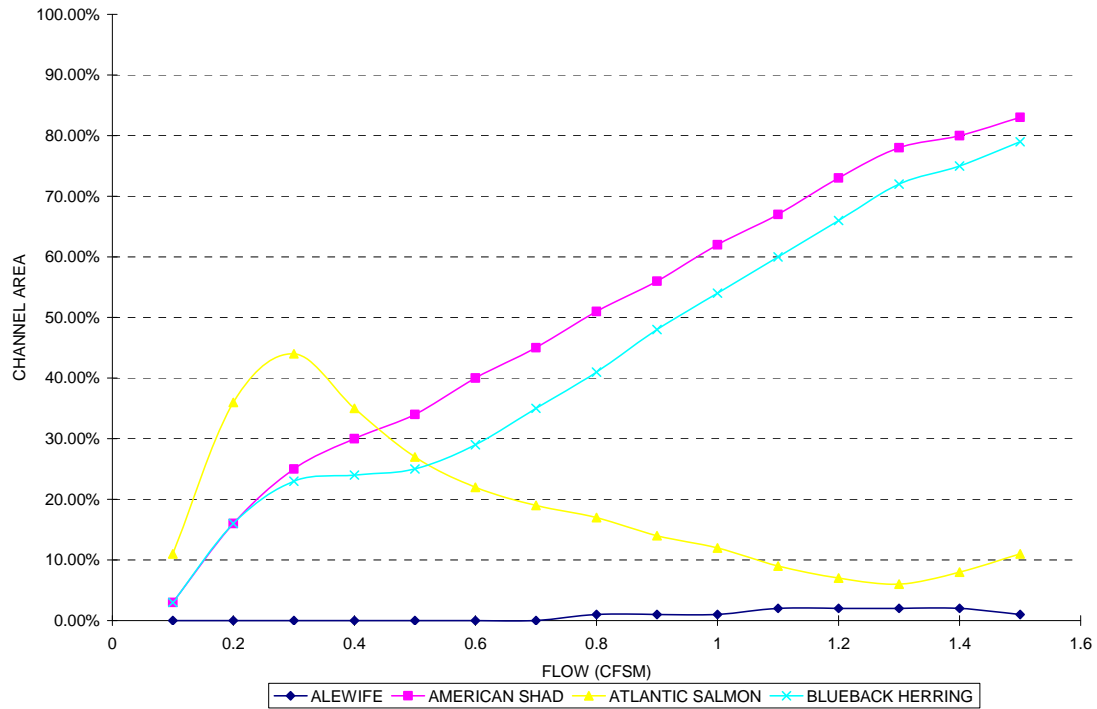


Figure 142: Suitability rating curves for fish in Reach 2 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 3

Project: Lamprey River Spawning

Curve: Suitability

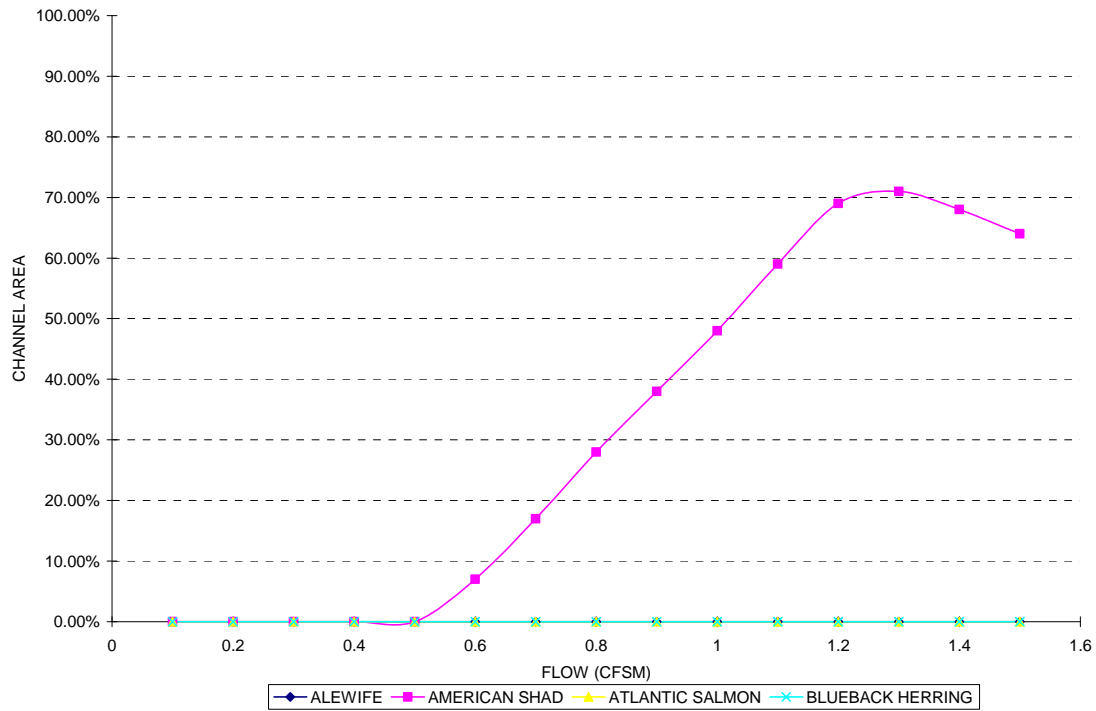


Figure 143: Suitability rating curves for fish in Reach 3 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 4

Project: Lamprey River Spawning

Curve: Suitability

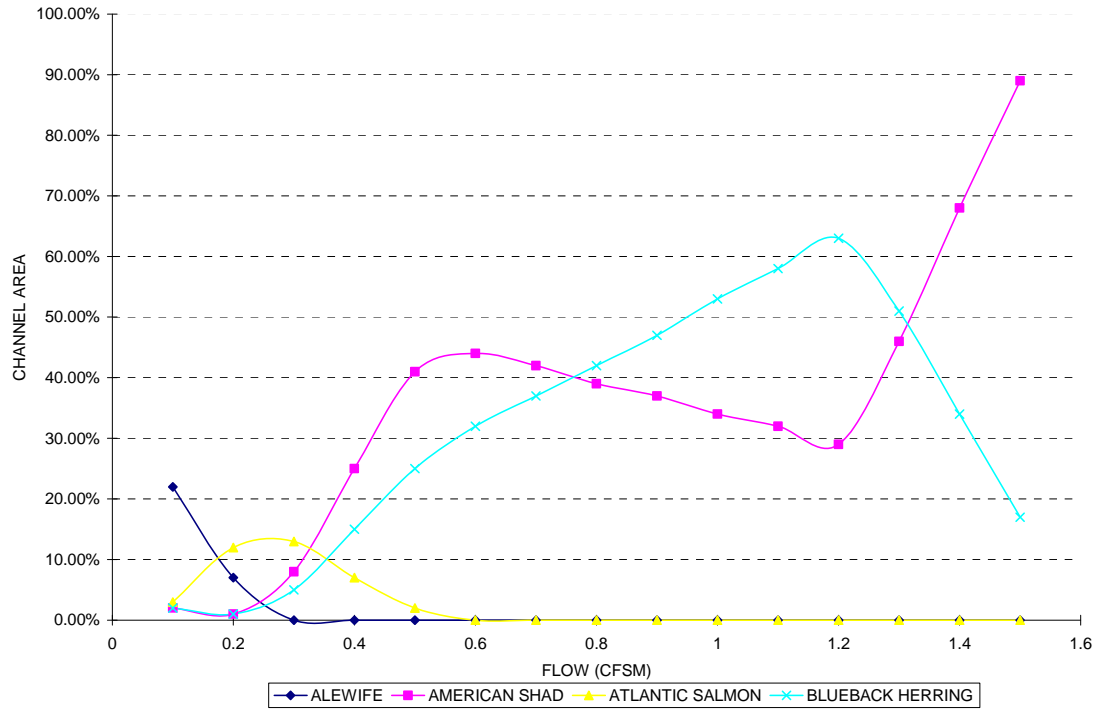


Figure 144: Suitability rating curves for fish in Reach 4 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 5

Project: Lamprey River Spawning

Curve: Suitability

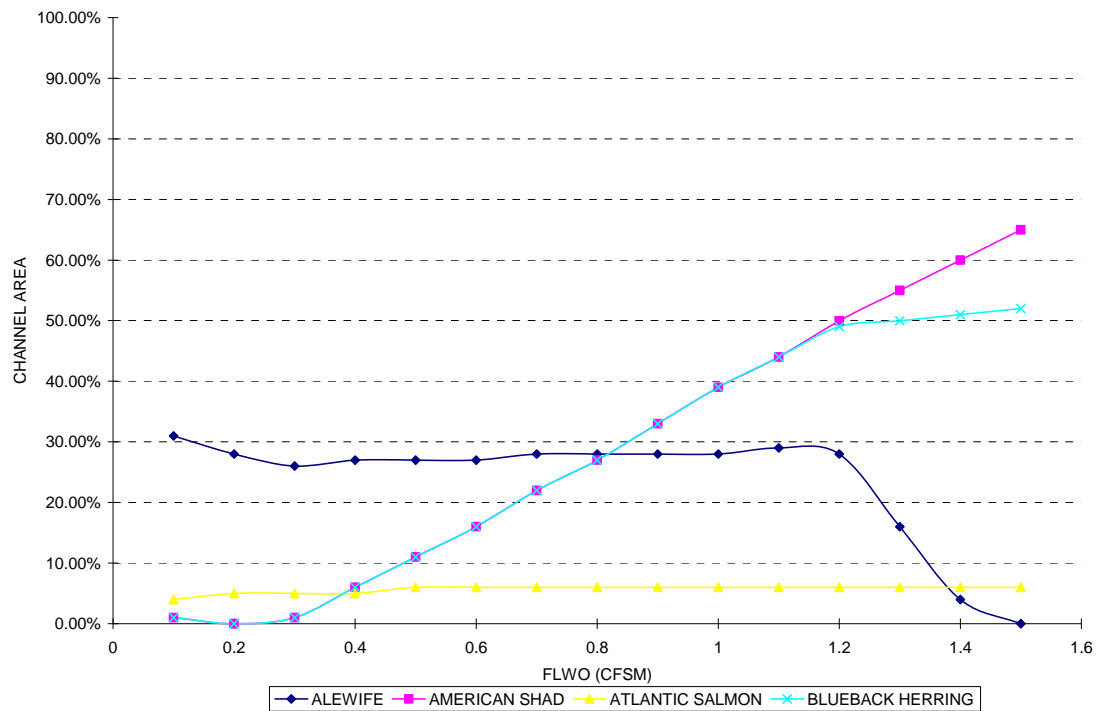


Figure 145: Suitability rating curves for fish in Reach 5 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 6

Project: Lamprey River Spawning

Curve: Suitability

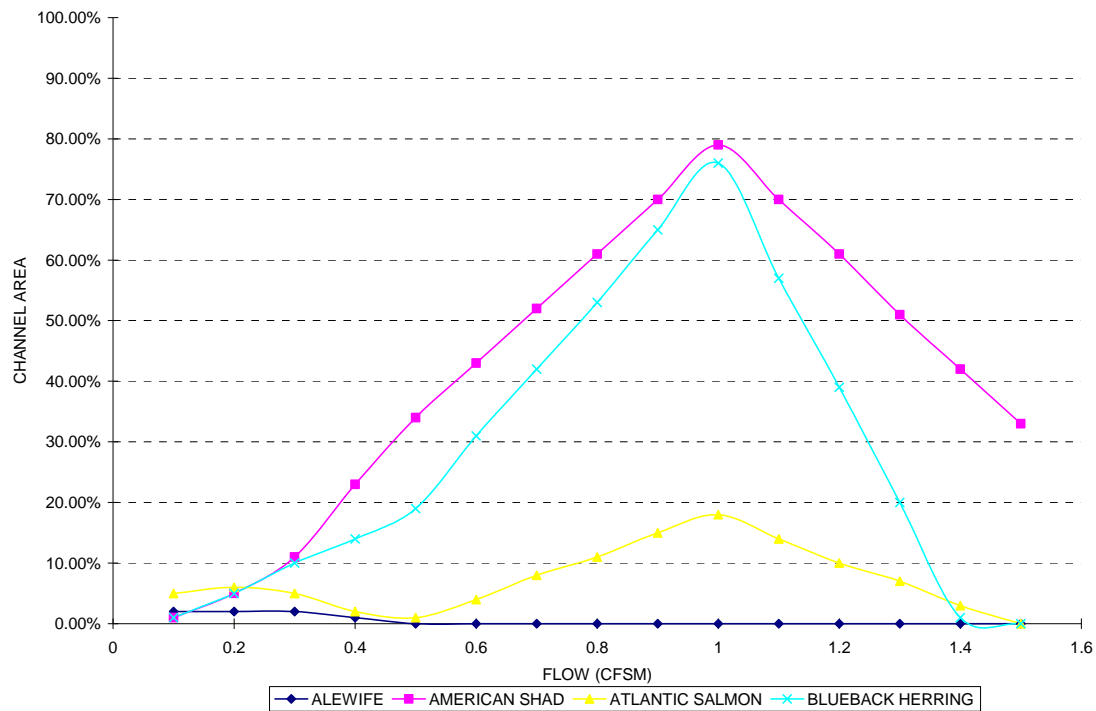


Figure 146: Suitability rating curves for fish in Reach 6 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 7

Project: Lamprey River Spawning

Curve: Suitability

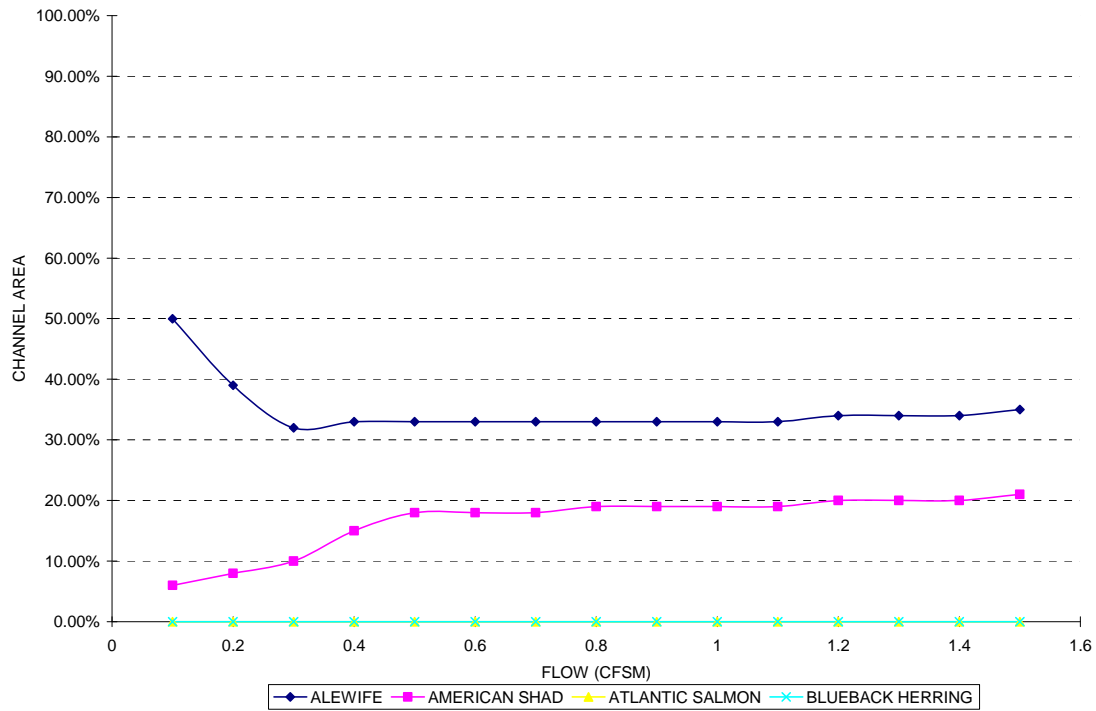


Figure 147: Suitability rating curves for fish in Reach 7 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 8

Project: Lamprey River Spawning

Curve: Suitability

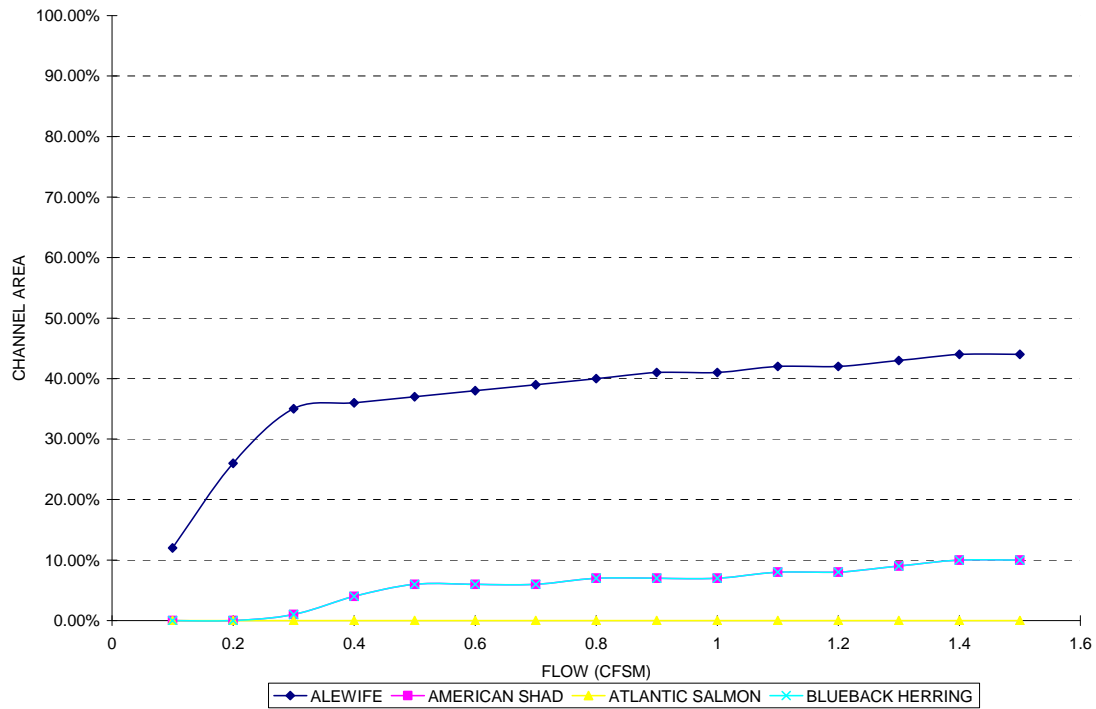


Figure 148: Suitability rating curves for fish in Reach 8 during the Anadromous Species Spawning bioperiod.

8.
Current Conditions
Anadromous Species Spawning Effective Habitat



Suitability Curve(s) for Site: 1

Project: Lamprey River Spawning
Effective Habitat

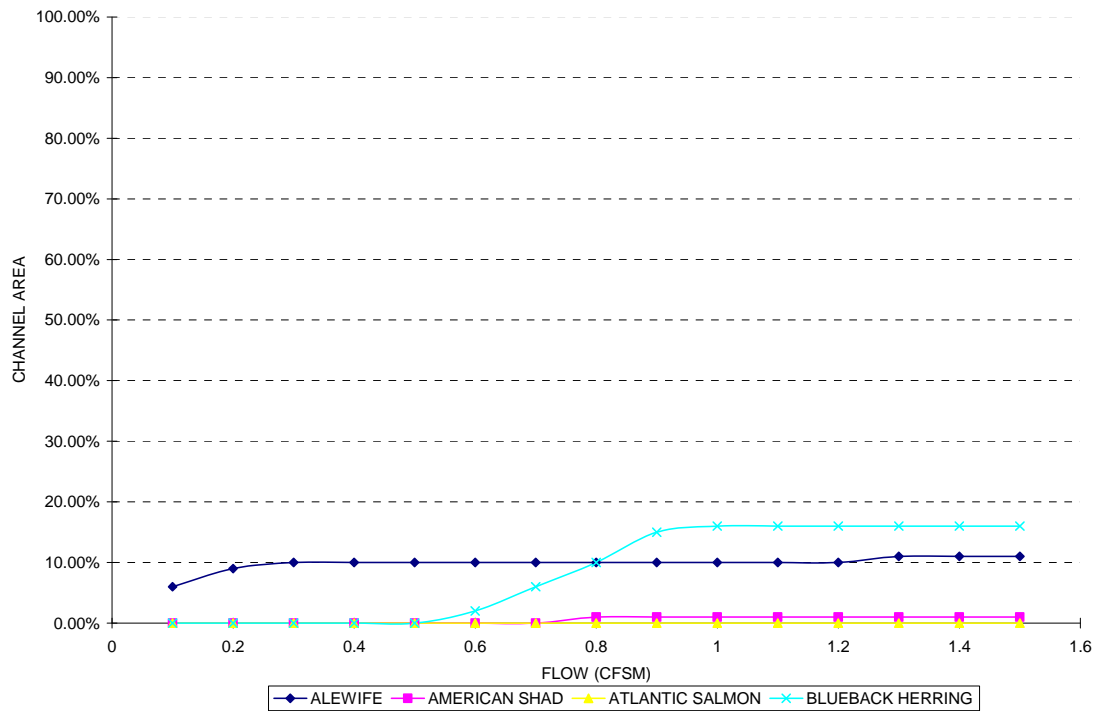


Figure 149: Effective Habitat rating curves for fish in Reach 1 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 2

Project: Lamprey River Spawning
Effective Habitat

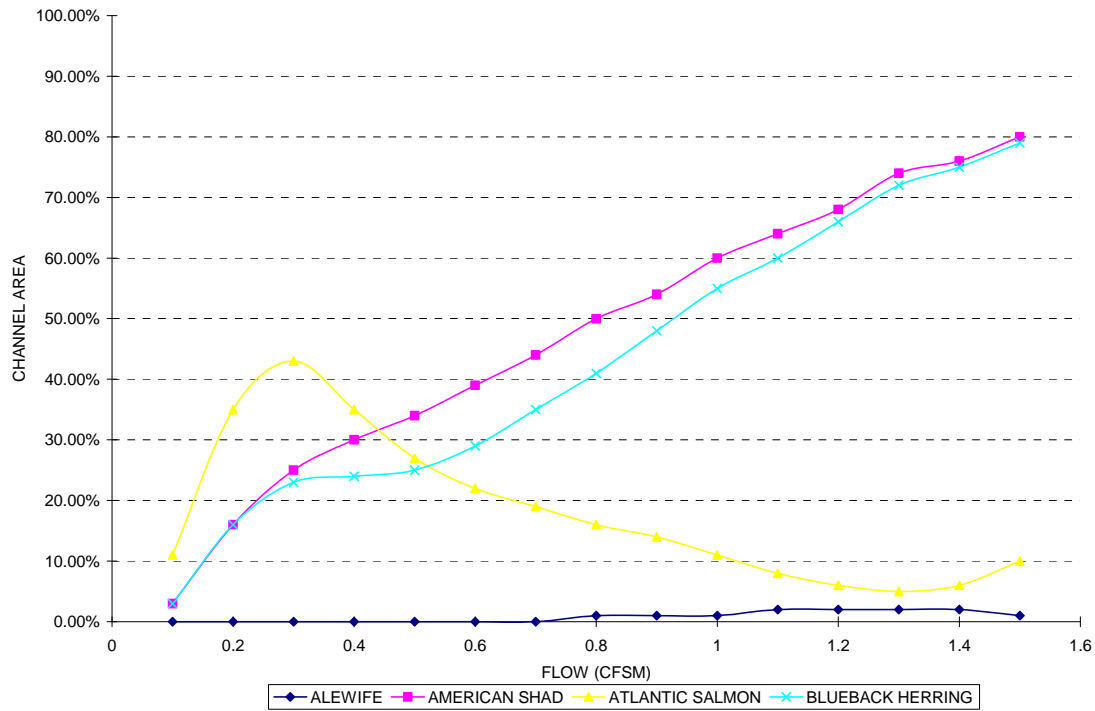


Figure 150: Effective Habitat rating curves for fish in Reach 2 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 3

Project: Lamprey River Spawning
Effective Habitat

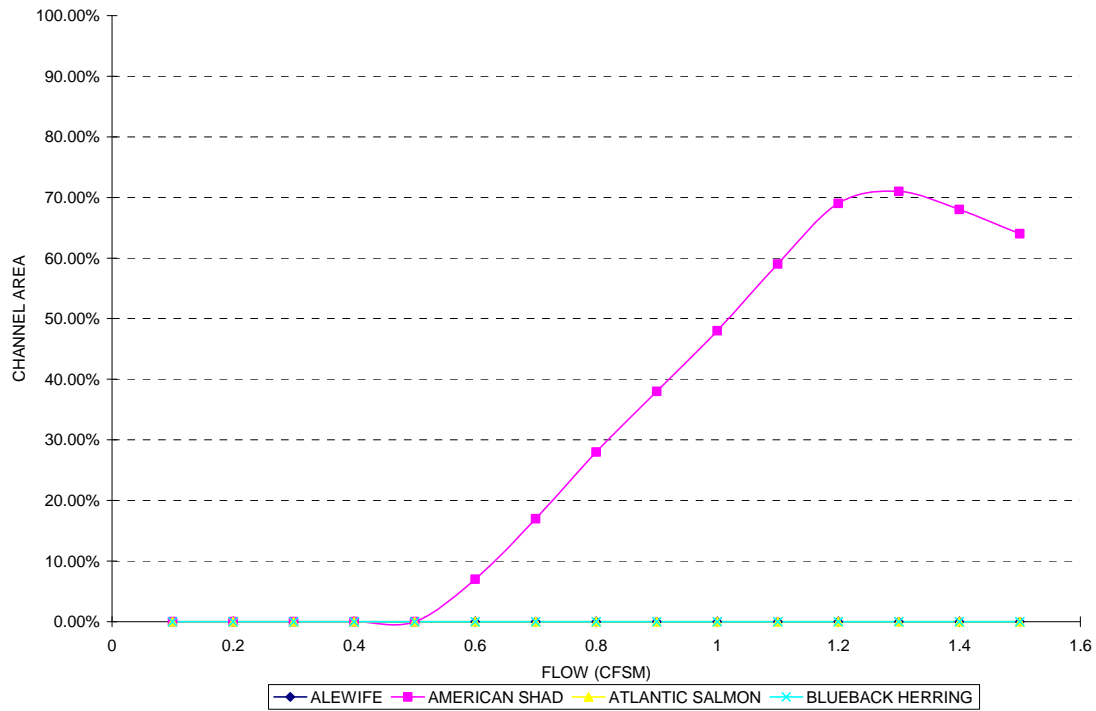


Figure 151: Effective Habitat rating curves for fish in Reach 3 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 4

Project: Lamprey River Spawning
Effective Habitat

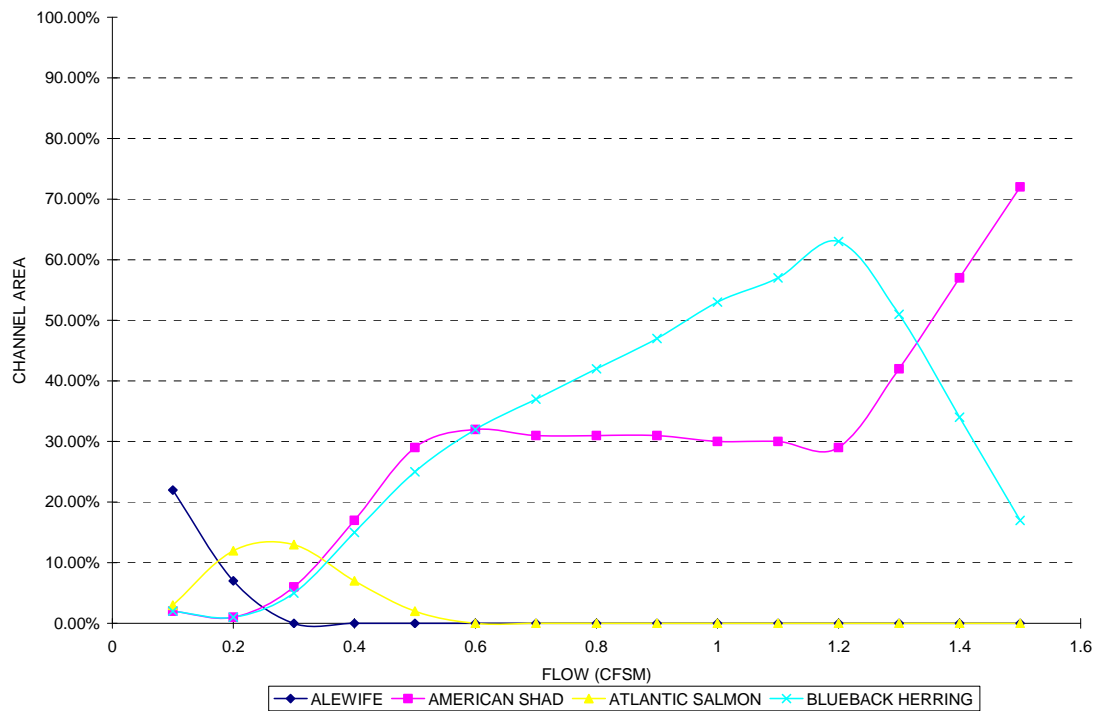


Figure 152: Effective Habitat rating curves for fish in Reach 4 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 5

Project: Lamprey River Spawning
Effective Habitat

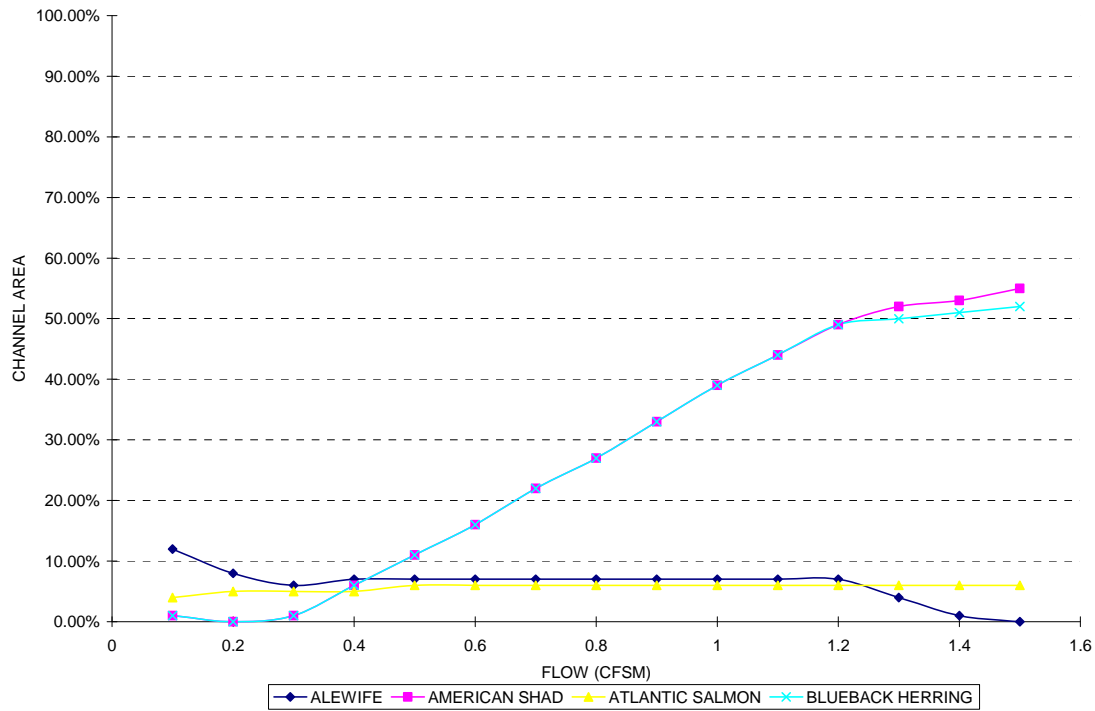


Figure 153: Effective Habitat rating curves for fish in Reach 5 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 6

Project: Lamprey River Spawning
Effective Habitat

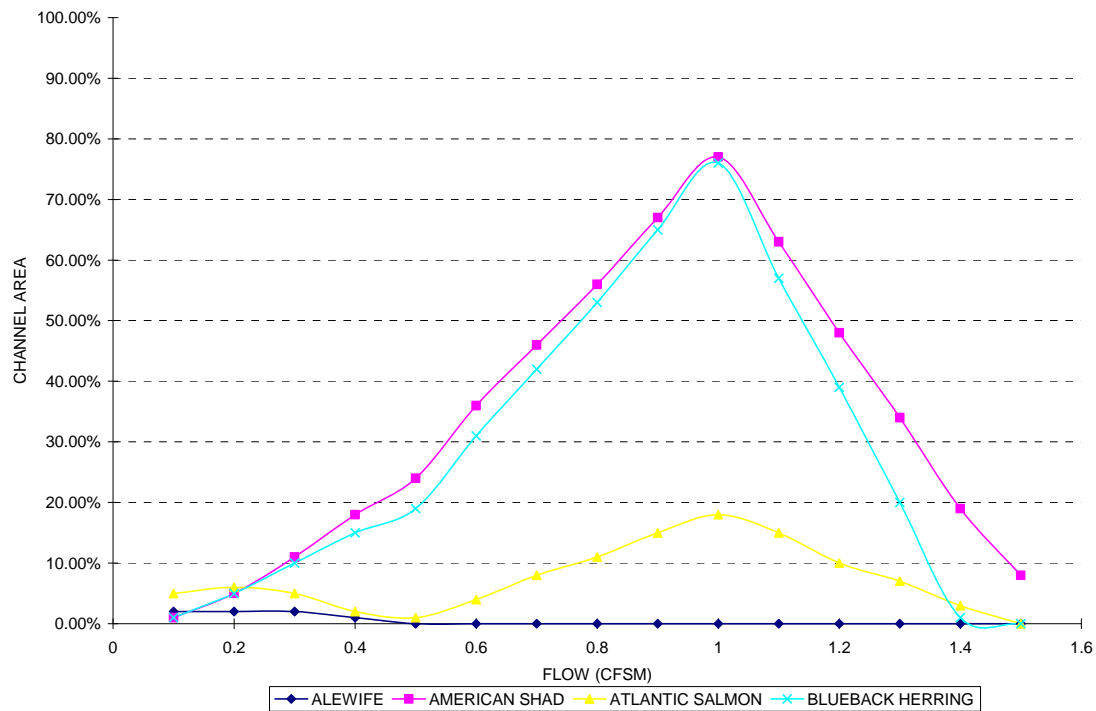


Figure 154: Effective Habitat rating curves for fish in Reach 6 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 7

Project: Lamprey River Spawning
Effective Habitat

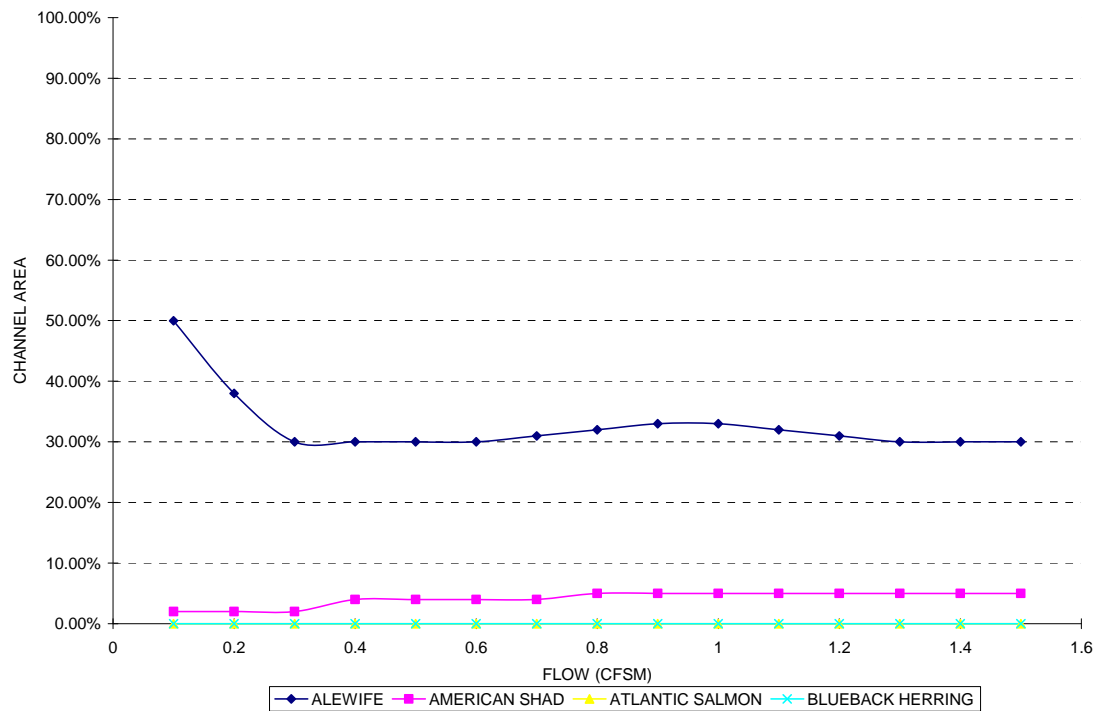


Figure 155: Effective Habitat rating curves for fish in Reach 7 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 8

Project: Lamprey River Spawning
Effective Habitat

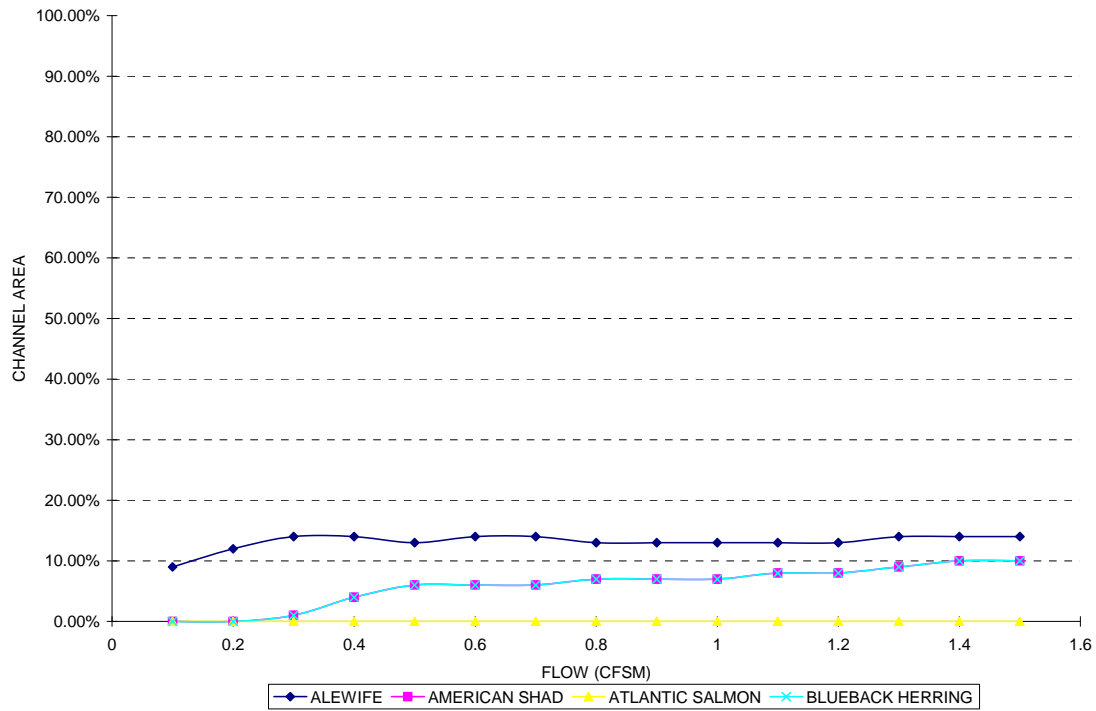


Figure 156: Effective Habitat rating curves for fish in Reach 8 during the Anadromous Species Spawning bioperiod.

9.
Current Conditions
Anadromous Species Spawning Optimal



Suitability Curve(s) for Site: 1

Project: Lamprey River Spawning
Curve: Optimal

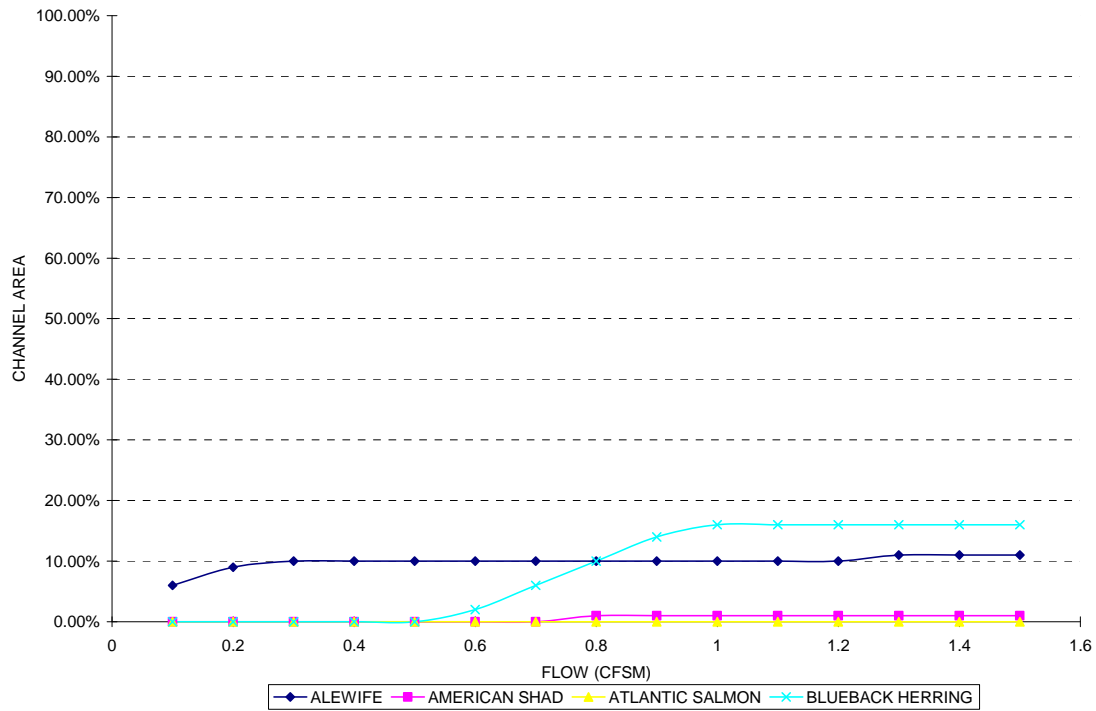


Figure 157: Optimal rating curves for fish in Reach 1 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 2

Project: Lamprey River Spawning

Curve: Optimal

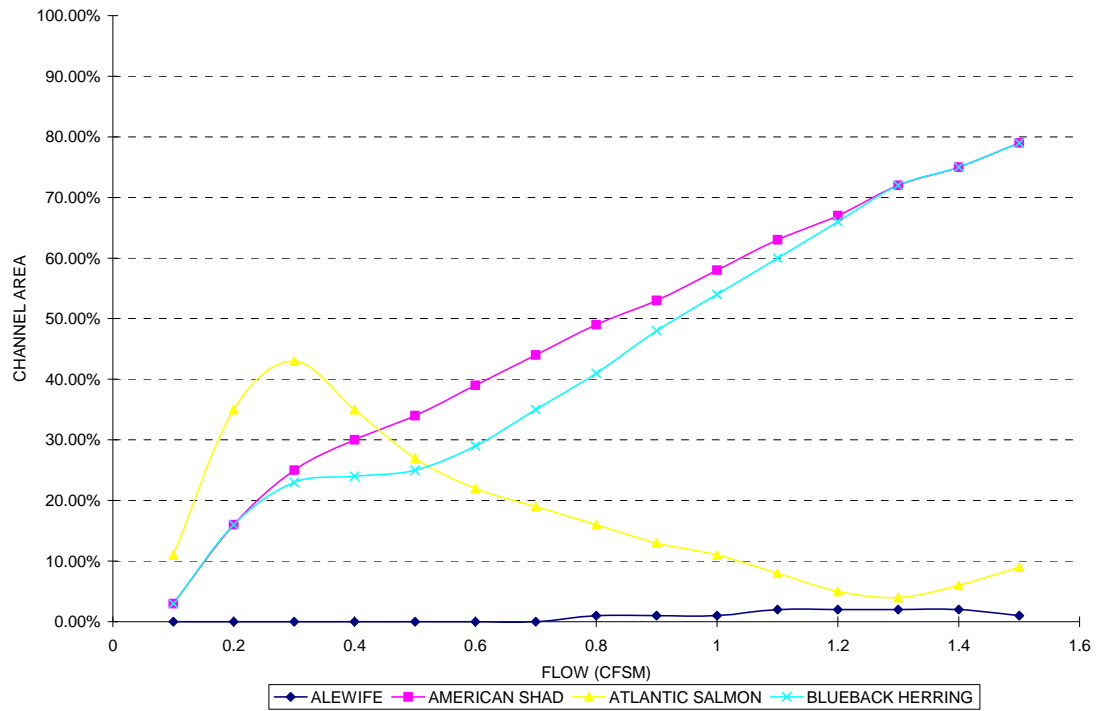


Figure 158: Optimal rating curves for fish in Reach 2 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 3

Project: Lamprey River Spawning

Curve: Optimal

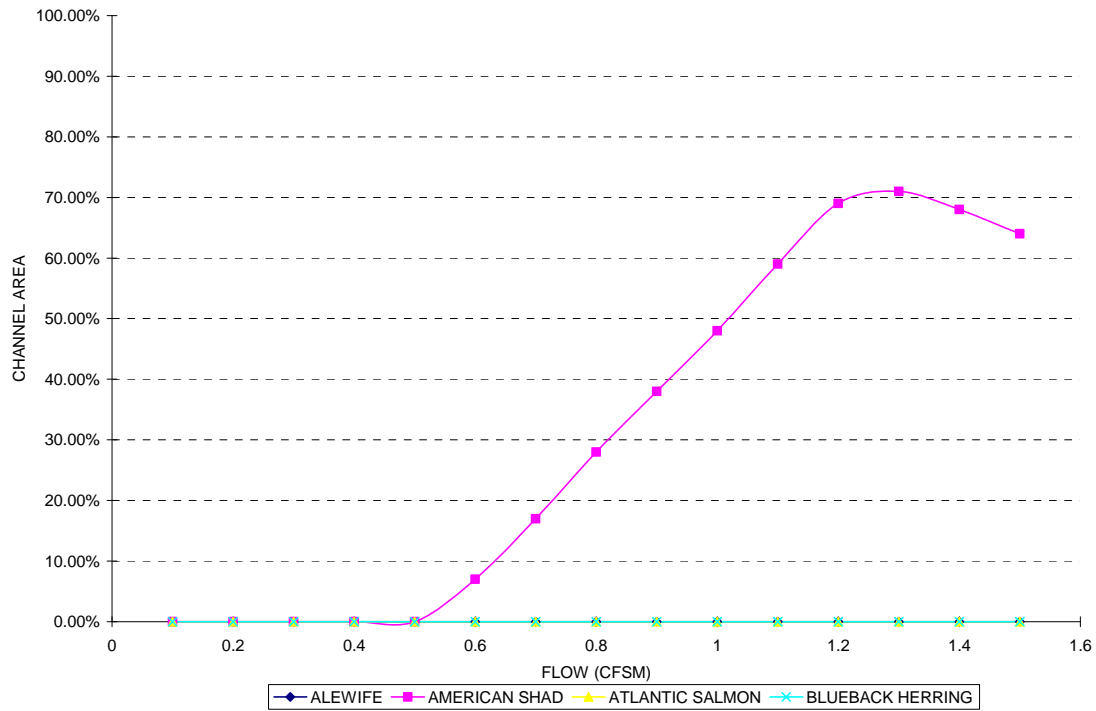


Figure 159: Optimal rating curves for fish in Reach 3 during the Anadromous Species Spawning

bioperiod.



Suitability Curve(s) for Site: 4

Project: Lamprey River Spawning

Curve: Optimal

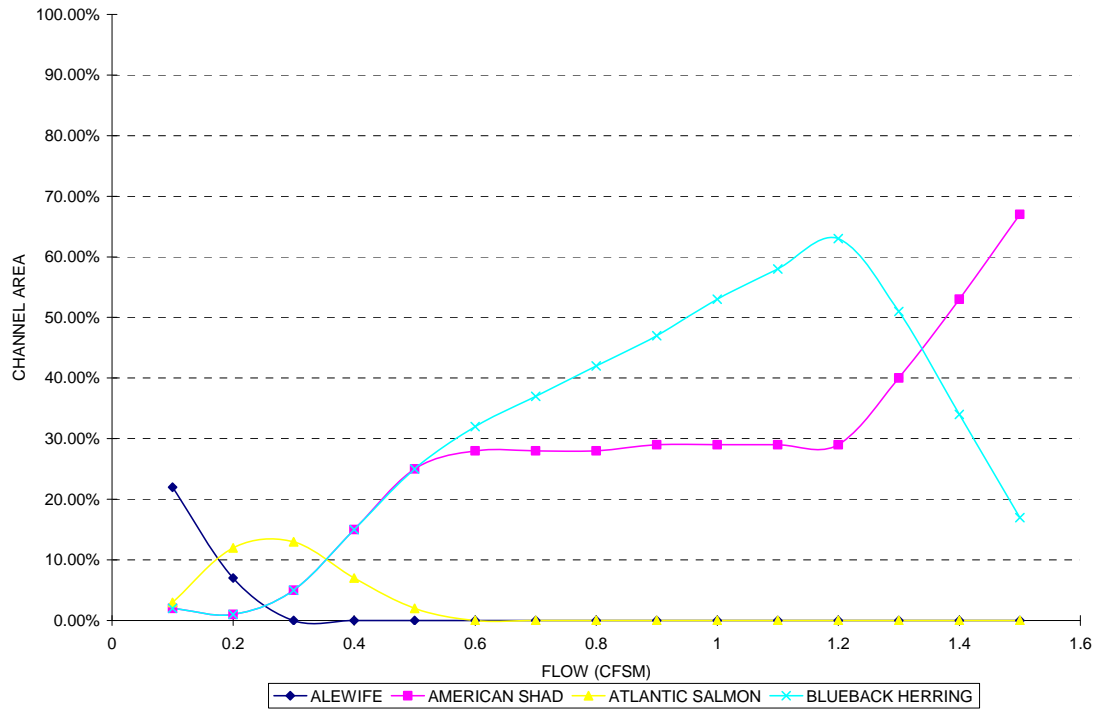


Figure 160: Optimal rating curves for fish in Reach 4 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 5

Project: Lamprey River Spawning

Curve: Optimal

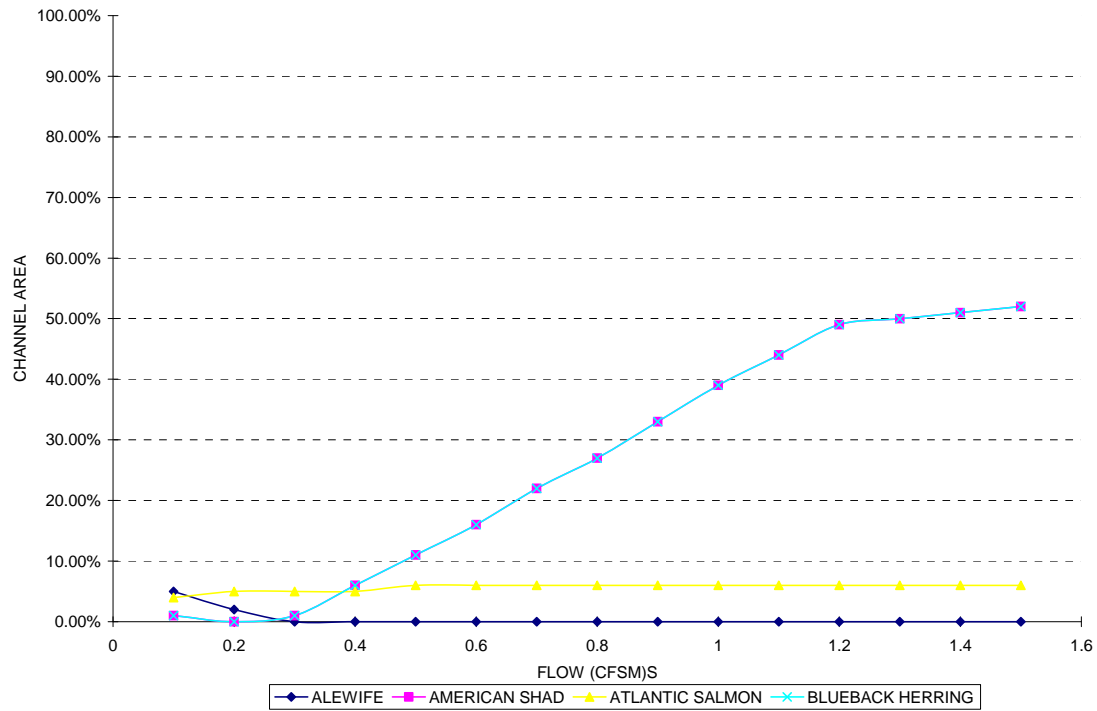


Figure 161: Optimal rating curves for fish in Reach 5 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 6

Project: Lamprey River Spawning

Curve: Optimal

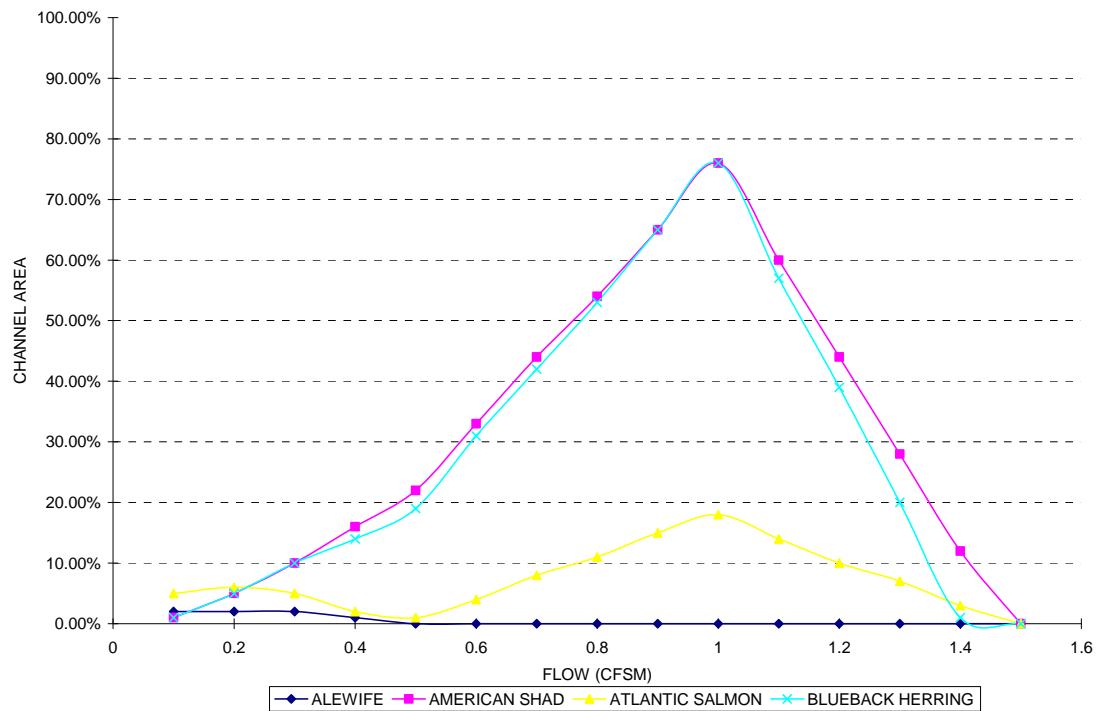


Figure 162: Optimal rating curves for fish in Reach 6 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 7

Project: Lamprey River Spawning

Curve: Optimal

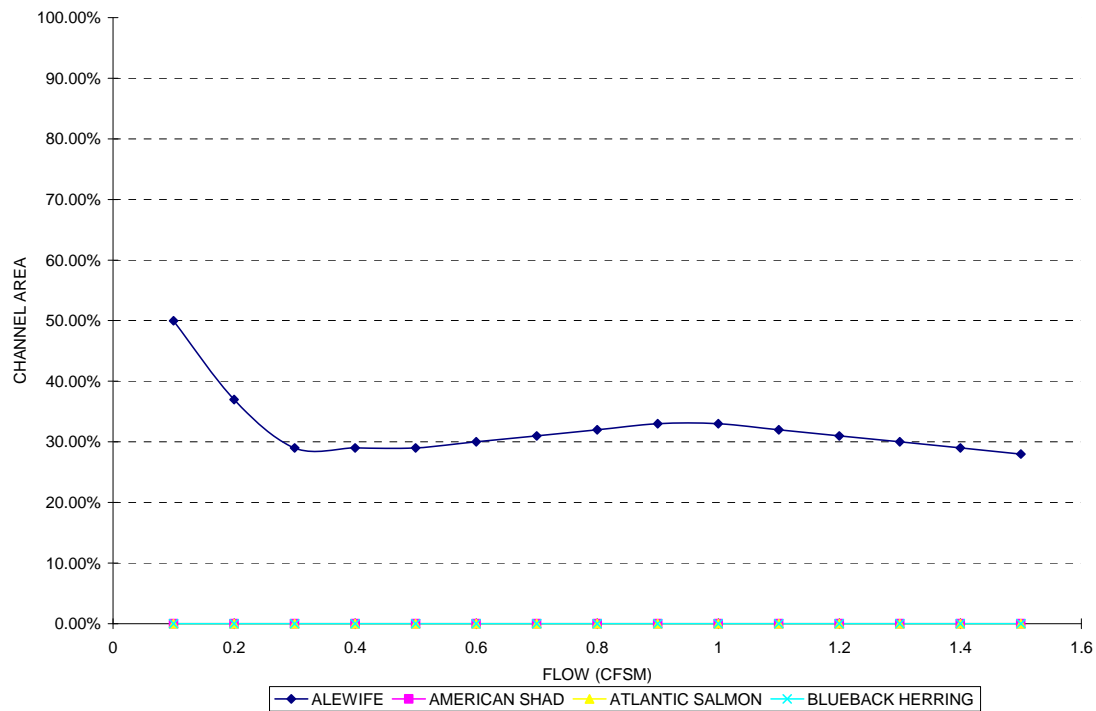


Figure 163: Optimal rating curves for fish in Reach 7 during the Anadromous Species Spawning bioperiod.

Suitability Curve(s) for Site: 8

Project: Lamprey River Spawning

Curve: Optimal

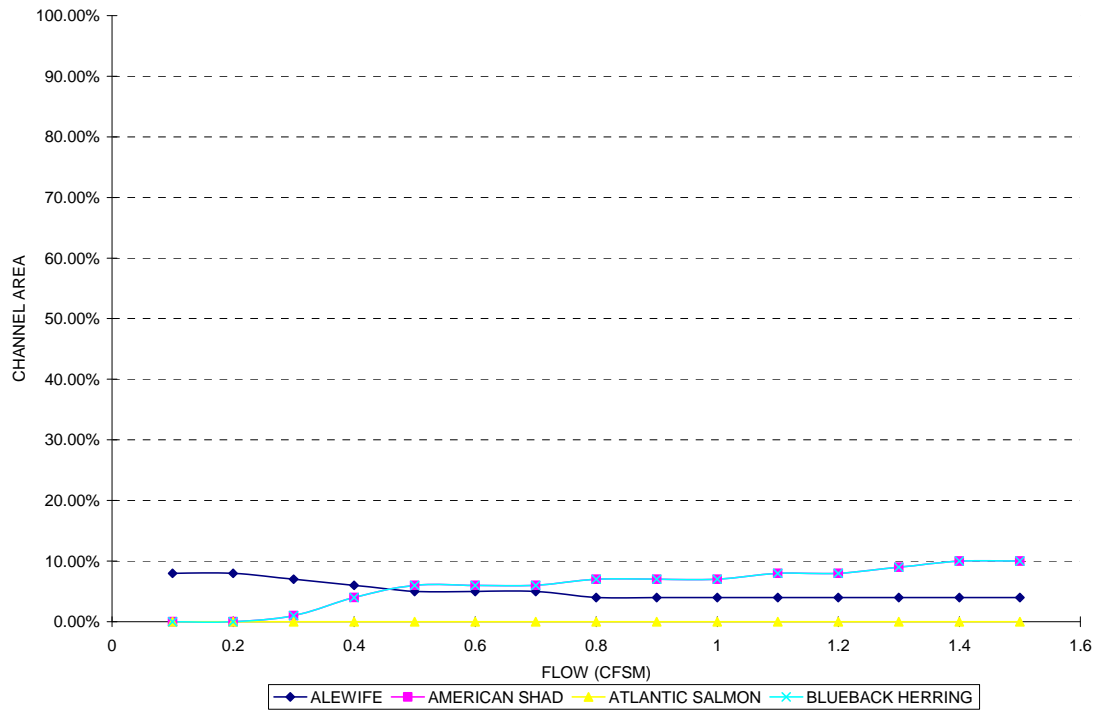


Figure 164: Optimal rating curves for fish in Reach 7 during the Anadromous Species Spawning bioperiod.

9.

Current Conditions

Rearing and Growth bioperiod Macroinvertebrates Suitability



Suitability Curve(s) for Site: 1

Project: Lamprey River Bugs AIC

Curve: Suitability

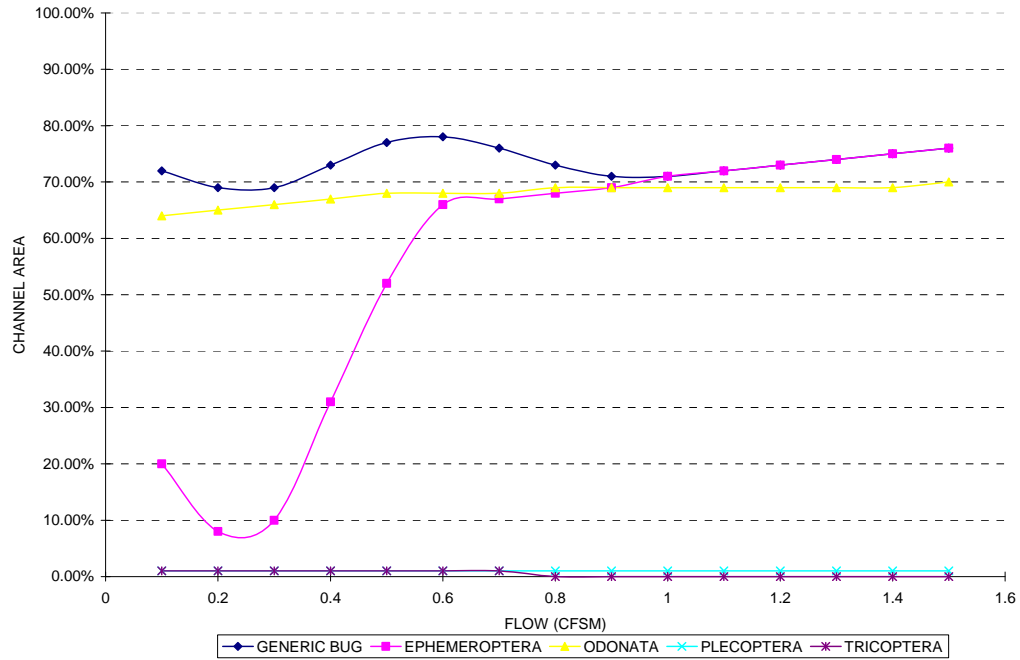


Figure 165: Suitability rating curves for Macroinvertebrates in Reach 1 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 2

Project: Lamprey River Bugs AIC

Curve: Suitability

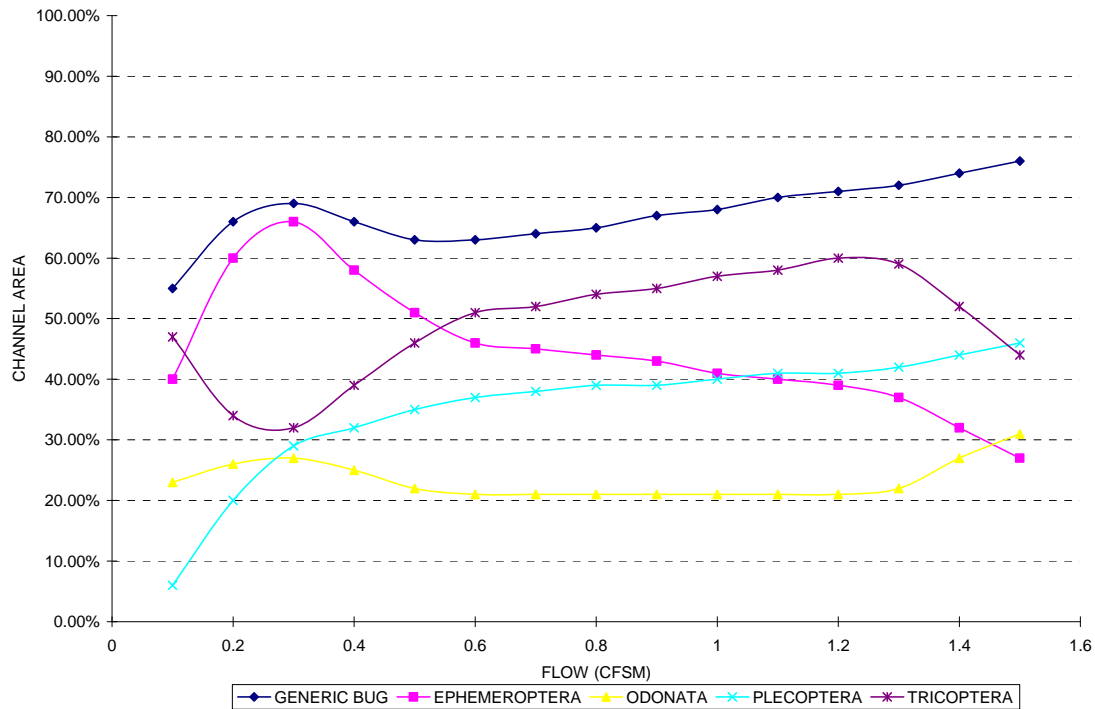


Figure 166: Suitability rating curves for Macroinvertebrates in Reach 2 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 3

Project: Lamprey River Bugs AIC

Curve: Suitability

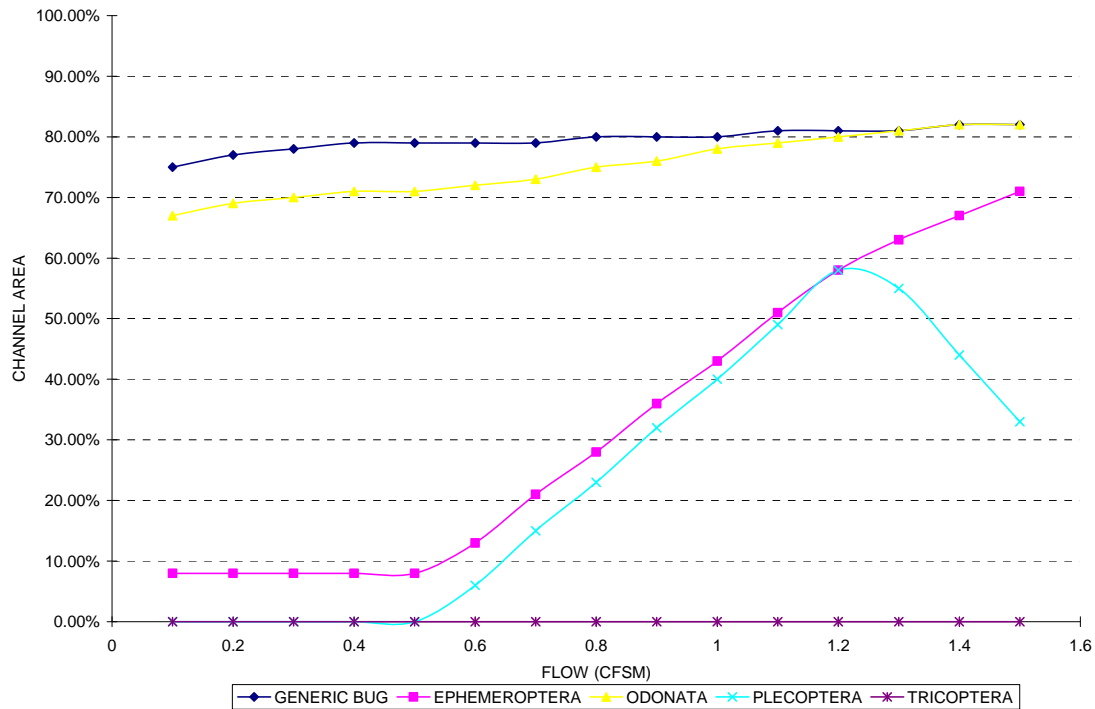


Figure 167: Suitability rating curves for Macroinvertebrates in Reach 3 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 4

Project: Lamprey River Bugs AIC

Curve: Suitability

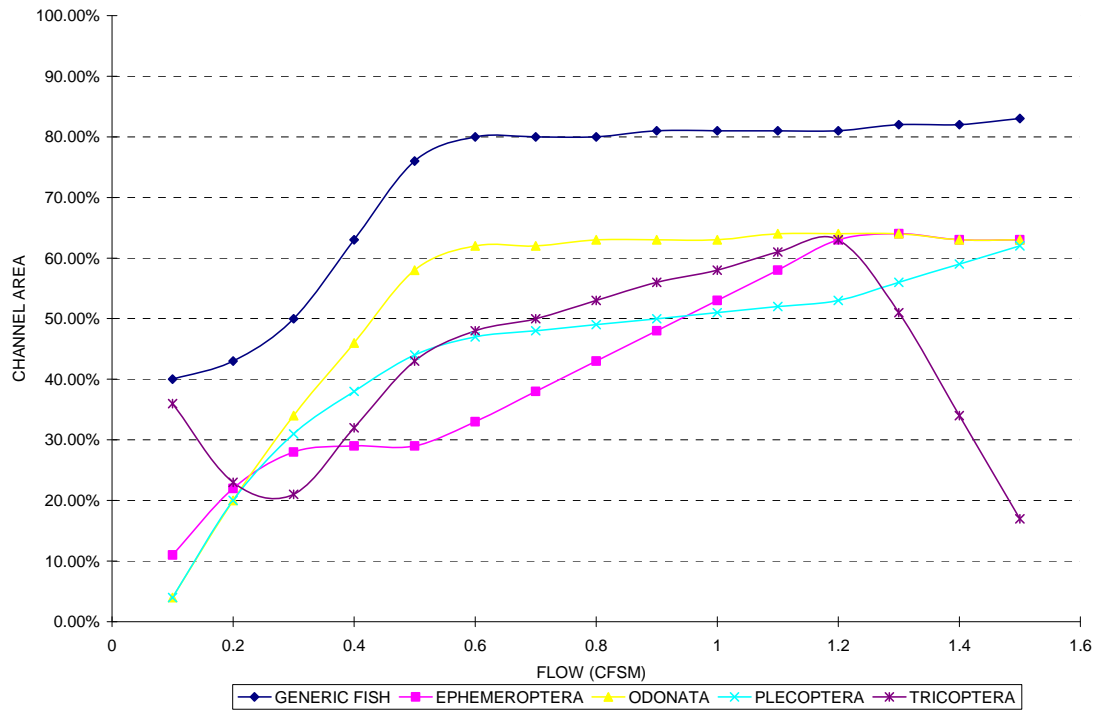


Figure 168: Suitability rating curves for Macroinvertebrates in Reach 4 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 5

Project: Lamprey River Bugs AIC

Curve: Suitability

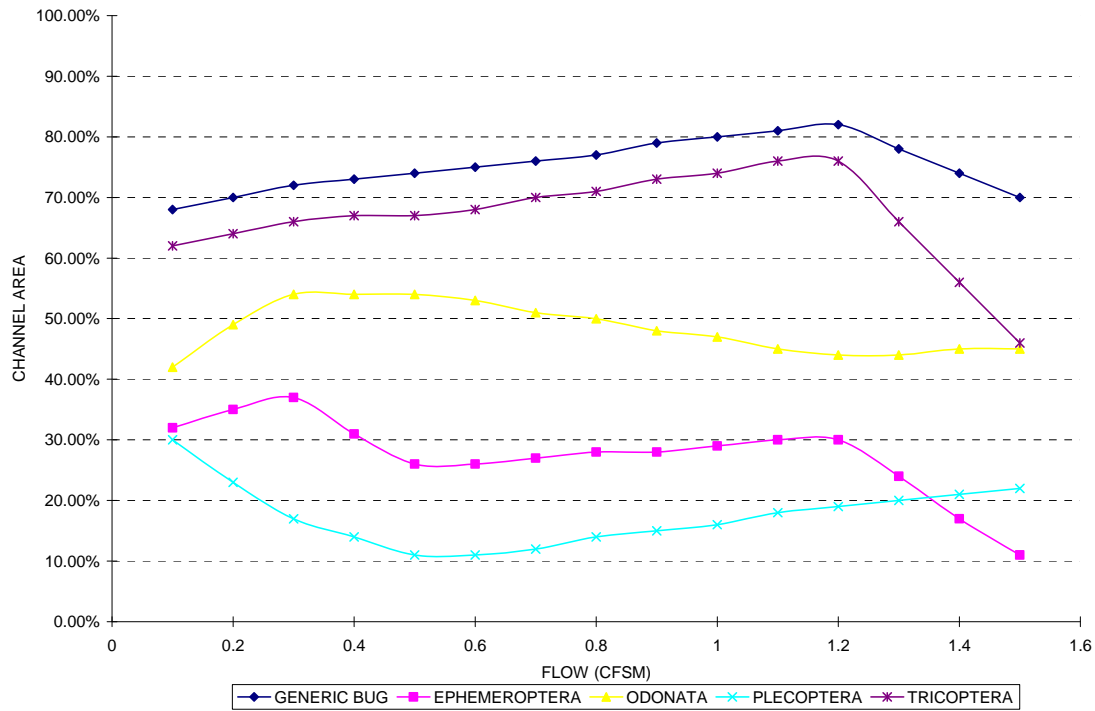


Figure 169: Suitability rating curves for Macroinvertebrates in Reach 5 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 6

Project: Lamprey River Bugs AIC

Curve: Suitability

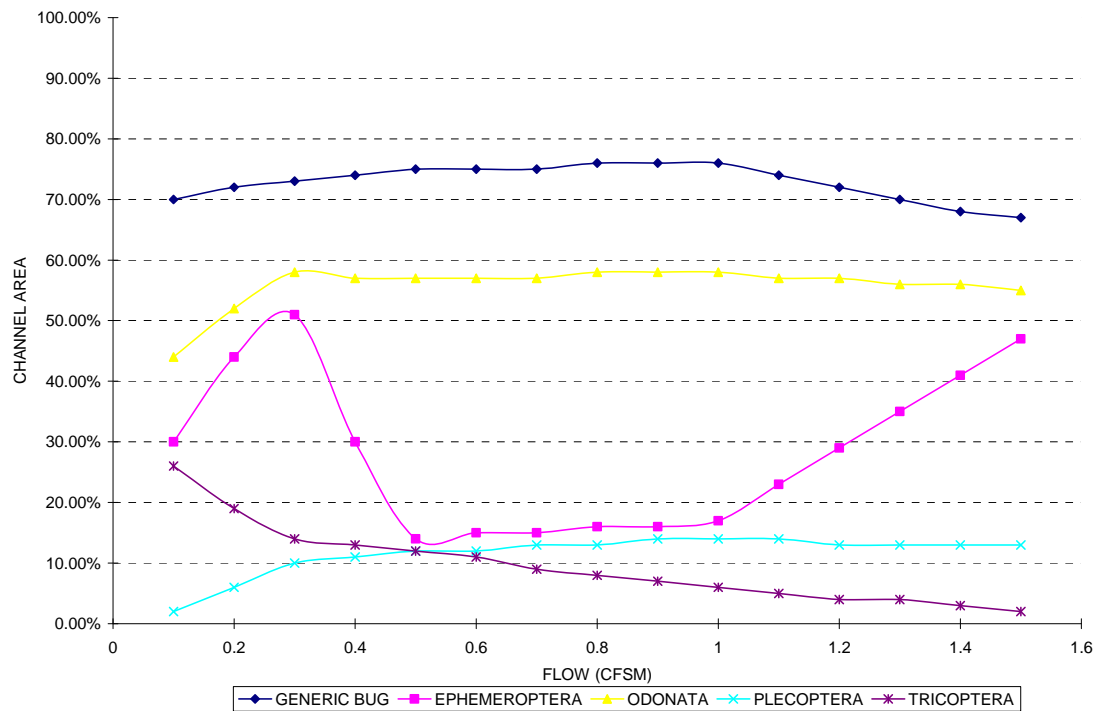


Figure 170: Suitability rating curves for Macroinvertebrates in Reach 6 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 7

Project: Lamprey River Bugs AIC

Curve: Suitability

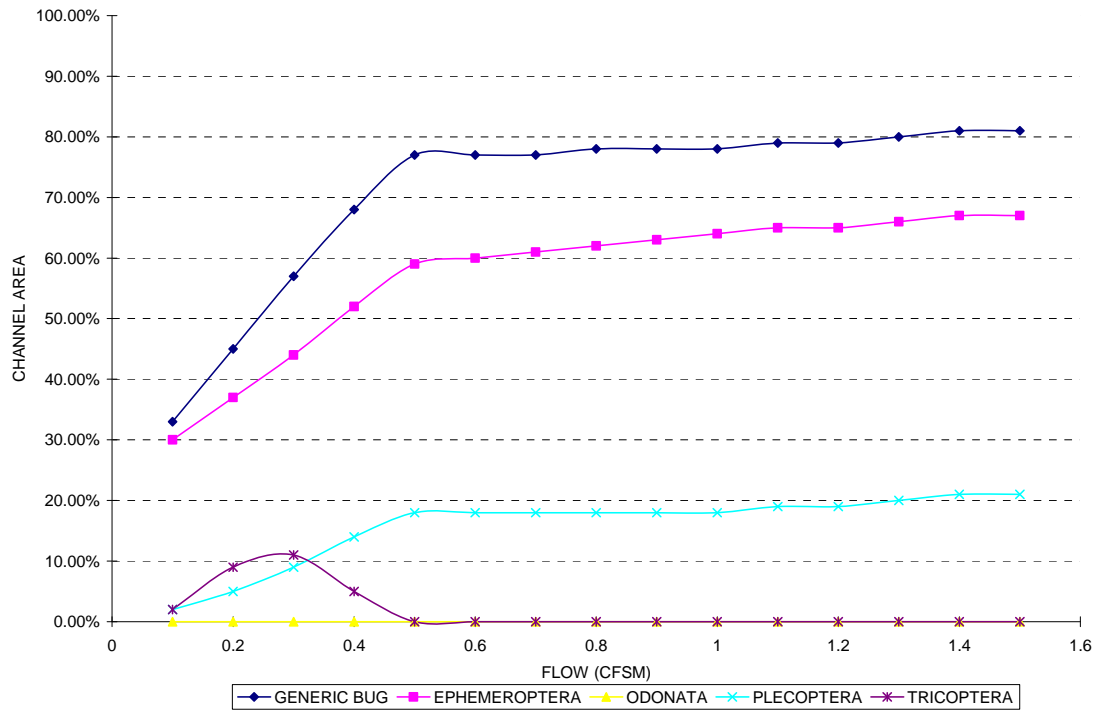


Figure 171: Suitability rating curves for Macroinvertebrates in Reach 7 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 8

Project: Lamprey River Bugs AIC

Curve: Suitability

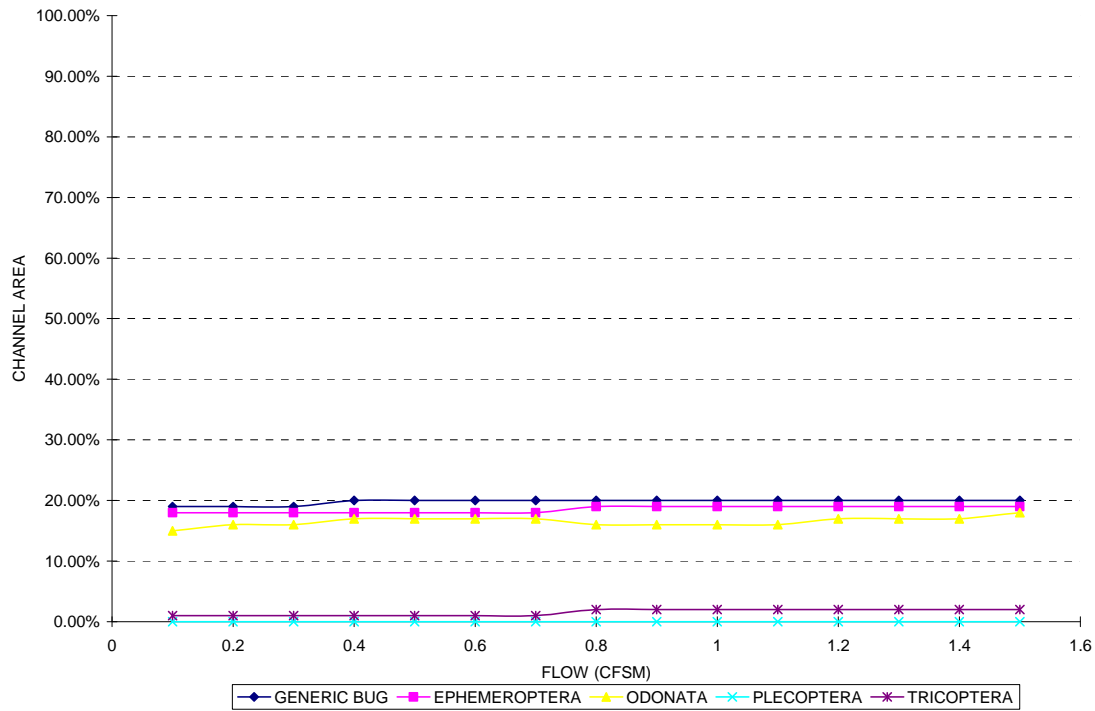


Figure 172: Suitability rating curves for Macroinvertebrates in Reach 8 during the Rearing and Growth bioperiod.

10.

Current Conditions

Rearing and Growth bioperiod Macroinvertebrates Effective Habitat



Suitability Curve(s) for Site: 1

Project: Lamprey River Bugs AIC
Effective Habitat

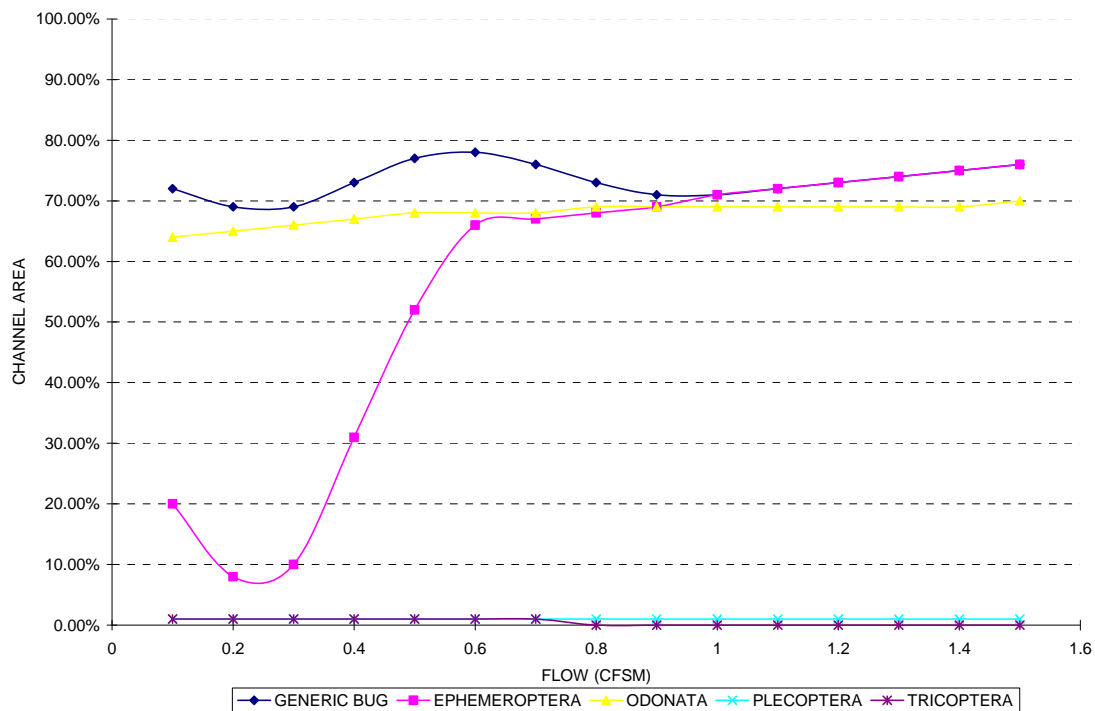


Figure 173: Effective Habitat rating curves for Macroinvertebrates in Reach 1 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 2

Project: Lamprey River Bugs AIC
Effective Habitat

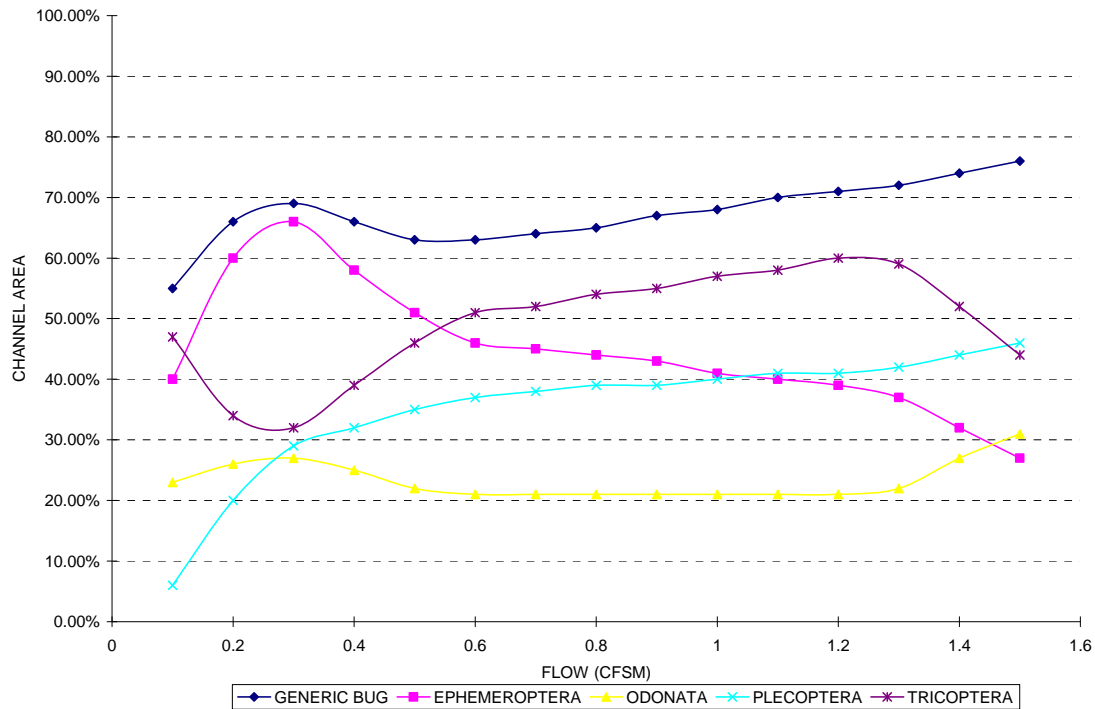


Figure 174: Effective Habitat rating curves for Macroinvertebrates in Reach 2 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 3

Project: Lamprey River Bugs AIC
Effective Habitat

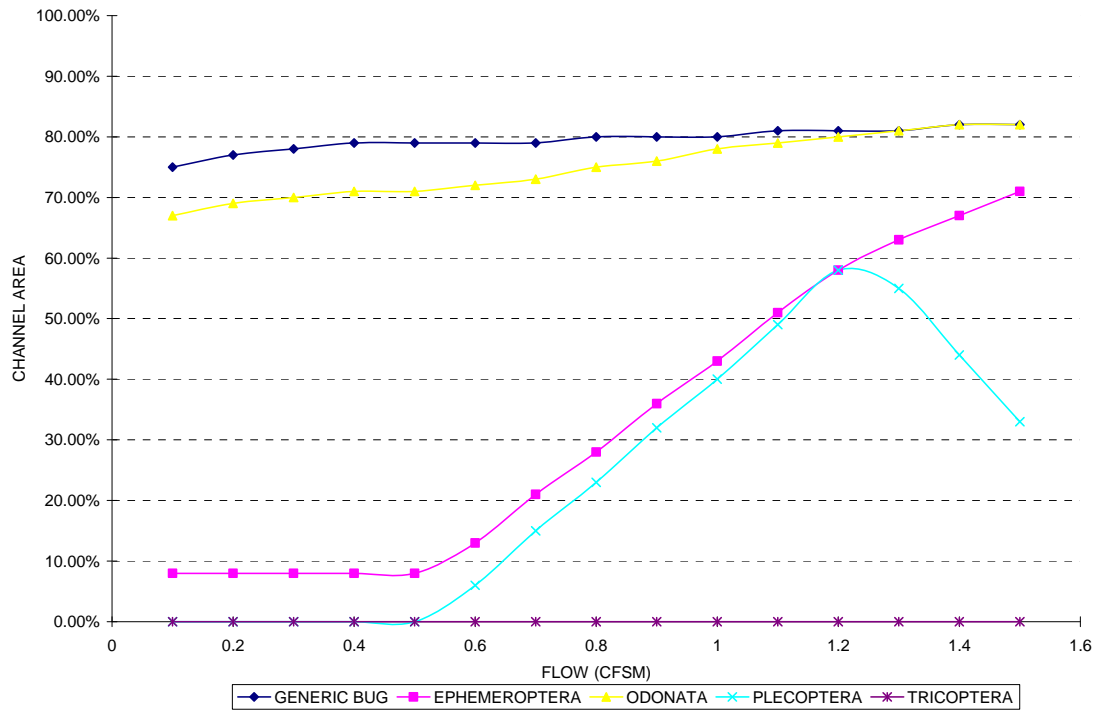


Figure 175: Effective Habitat rating curves for Macroinvertebrates in Reach 3 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 4

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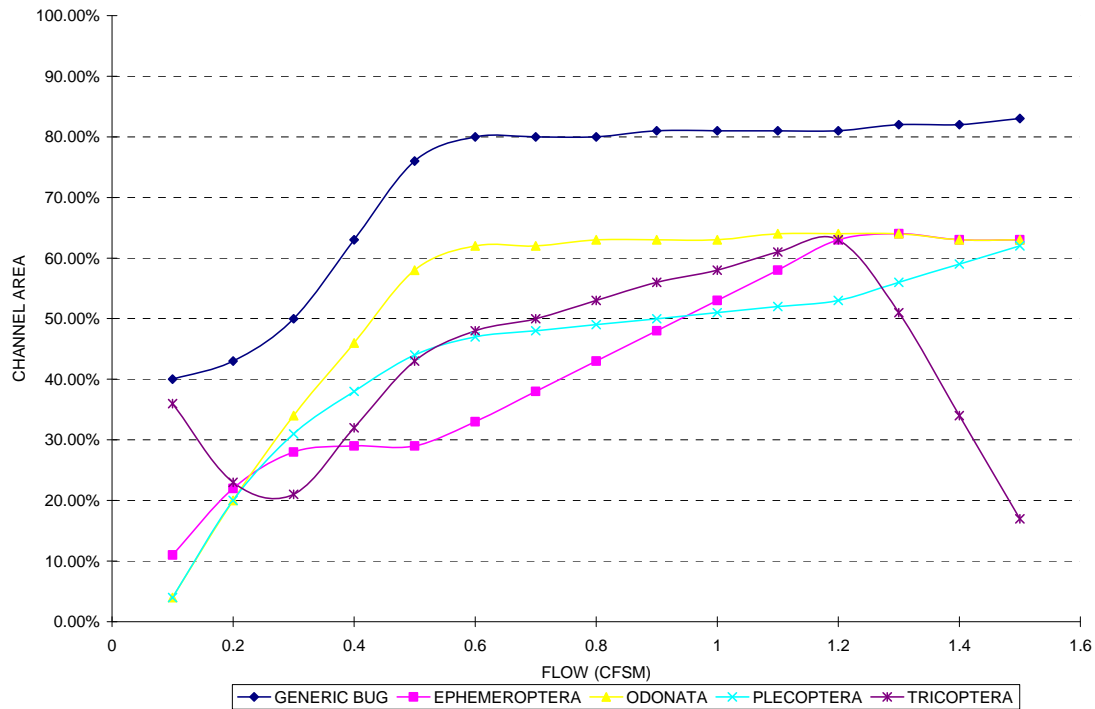


Figure 176: Effective Habitat rating curves for Macroinvertebrates in Reach 4 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 5

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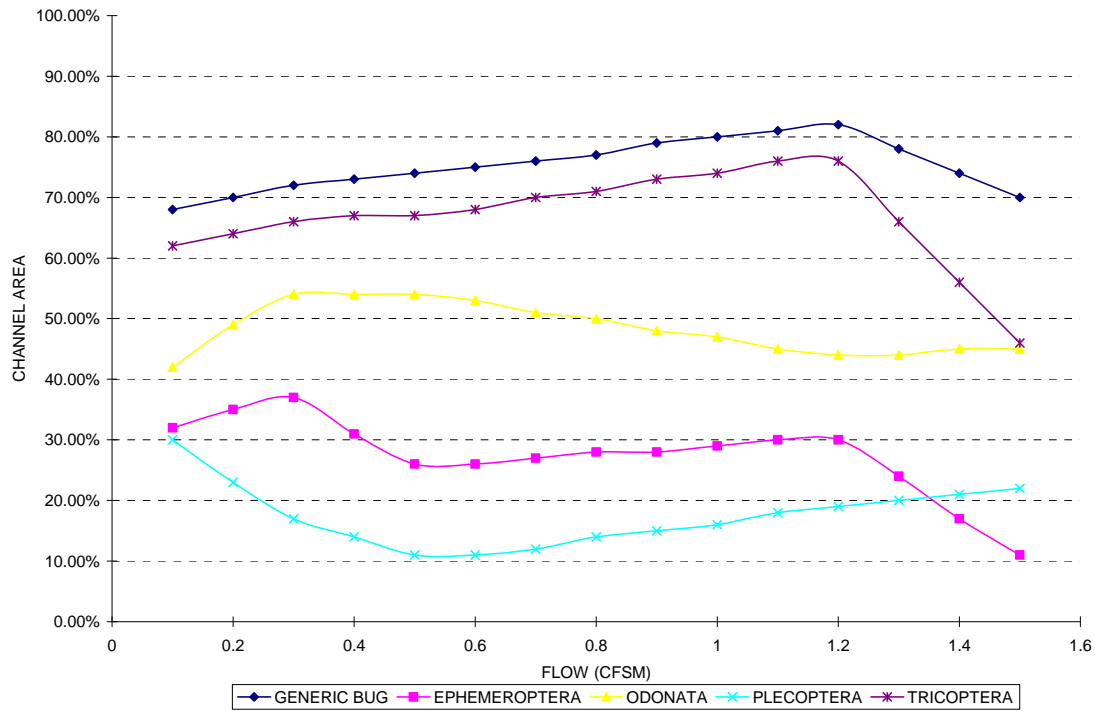


Figure 177: Effective Habitat rating curves for Macroinvertebrates in Reach 5 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 6

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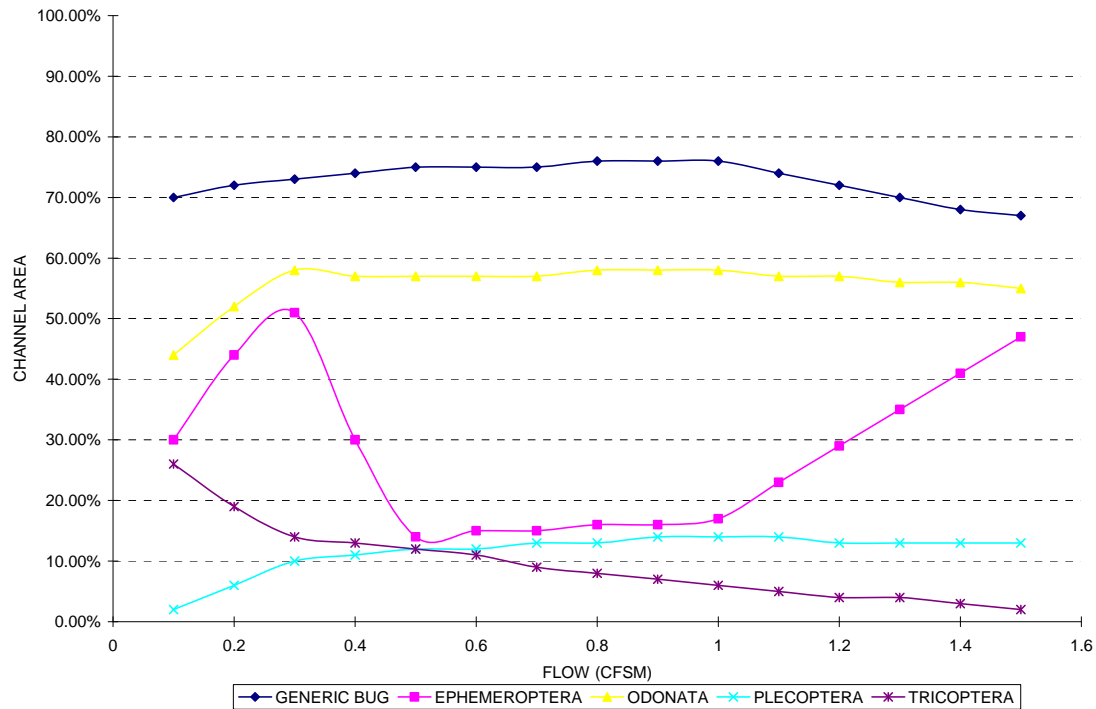


Figure 178: Effective Habitat rating curves for Macroinvertebrates in Reach 6 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 7

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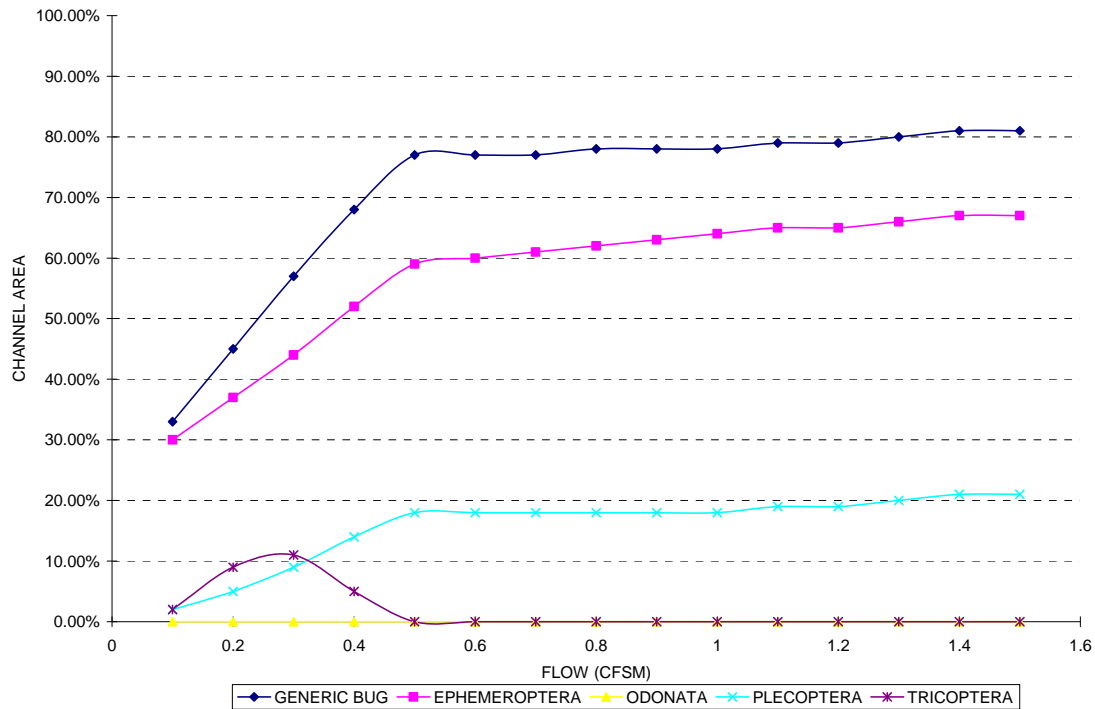


Figure 179: Effective Habitat rating curves for Macroinvertebrates in Reach 7 during the Rearing and Growth bioperiod.

Suitability Curve(s) for Site: 8

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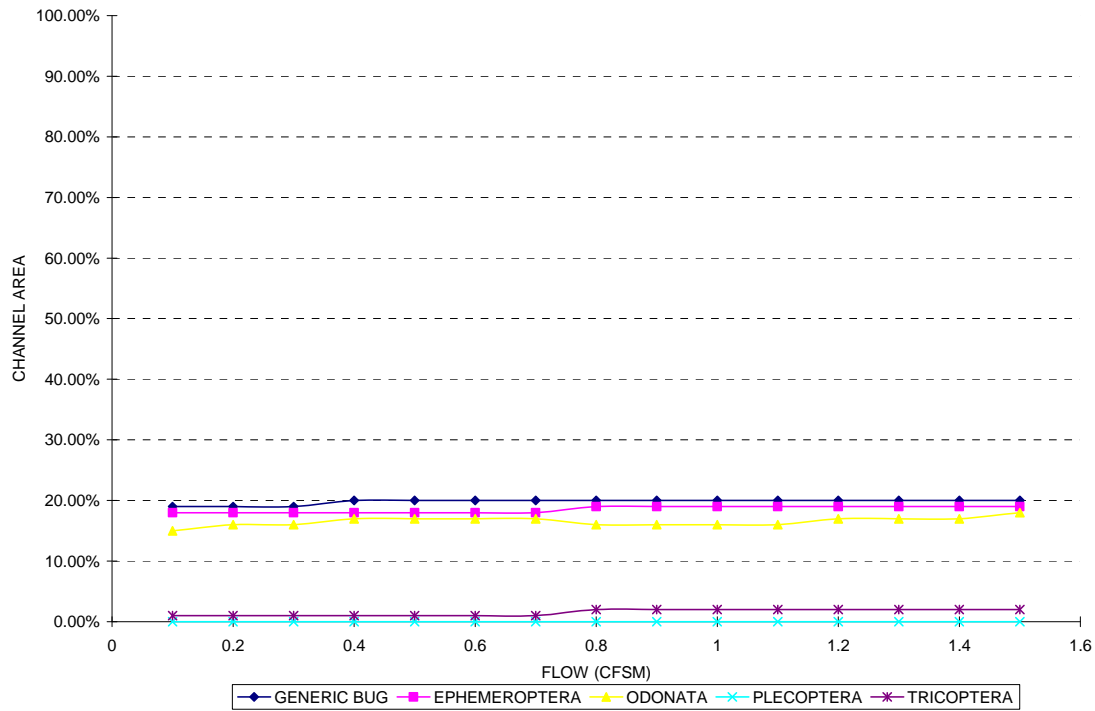


Figure 180: Effective Habitat rating curves for Macroinvertebrates in Reach 8 during the Rearing and Growth bioperiod.